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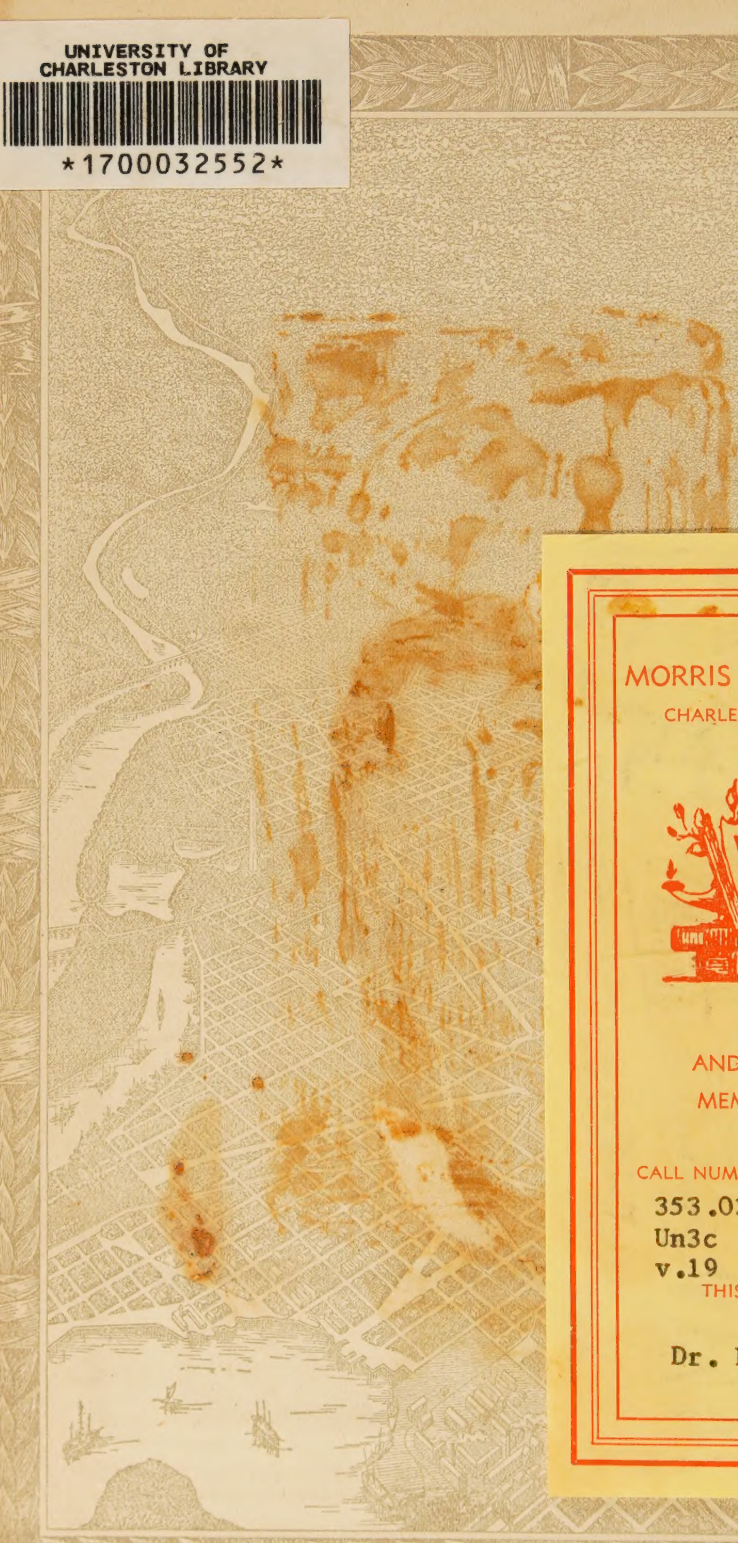

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Development of the Flag

A COMPILATION

OF THE

MESSAGES AND PAPERS

OF THE

PRESIDENTS

Prepared Under the Direction of the Joint Committee
on Printing, of the House and Senate,
Pursuant to an Act of the Fifty-Second Congress
of the United States

(With Additions and Encyclopedic Index
by Private Enterprise)

VOLUME XIX

DISCARD

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Government

Is Man's Most Exalted Work.

Republican Government

Is the Supreme Type of Organization.

The United States Government

Is of All Governments the Best.

Therefore, the men who performed that most difficult of human undertakings—the establishment of law—and who performed that task with a success without parallel,—the men who constructed the American Republic are leaders whose works have proved their wisdom consummate. . . . . .

That Wisdom is concretely bodied forth in the MESSAGES AND PAPERS OF THE PRESIDENTS. In these Papers our Chief Magistrates and the statesmen, jurists, financiers, warriors who composed their Cabinets discuss questions perpetually before the voter, and define the fundamental policies on which is based this greatest human achievement. Their Doctrines form our Governmental Gospel.

THE ENCYCLOPEDIC INDEX

CONTAINS

More than 25,000 page references to the official utterances of the Presidents, interspersed with some eight hundred encyclopedic articles on American history and politics, elaborating and going into the details of every subject discussed by the executives.

A summary history and description of every branch of the Government—Executive, Legislative and Judicial—outlining the development of each department from its beginning to the present time, together with all bureaus and special commissions.

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Aboriginal inhabitants, characteristics and early home of each tribe and nation, their wars with the white settlers and decline before advancing civilization.

More than a thousand selected biographical sketches of eminent American statesmen and leaders in the country's development.

THE ENCYCLOPEDIC INDEX TO THE

MESSAGES AND PAPERS OF THE PRESIDENTS

SERVES A DOUBLE PURPOSE.

FIRST:

Assuming that the reader desires to investigate a specific subject,—the Index provides him with a succinct digest on that subject and underneath cites the numbers of pages where Presidential references thereto may be found. Thus, after reviewing the fundamental facts involved as presented by the digest, the reader is aided in forming his own opinion on the question by the arguments advanced by the Executives.

SECOND:

Assuming that the user is reading a Presidential Message,—the Index provides him with data on every question mentioned, and, by the page citations, enables him to compare the views of various Chief Magistrates on the same subject. . . . . .

See the analysis of each Administration under the name of the Executive. These analyses are paragraphed under subheadings (such as "Slavery"), so that one may readily trace the development of a question through many Administrations, and find the narrative continuous.

See the biographies of men famous in American Statecraft, Warfare and Diplomacy, as well as the biographies of present Cabinet Ministers, Senators, and Congressmen, which appear under their respective names.

SEE THE ARTICLES:

"United States, Government of."
"Constitution, Supreme Court Decisions on."
State, Treasury, War, Justice, Postoffice, Navy, Interior, Agriculture, Commerce and Labor, Departments of.
"Parties, American Political."
"Wars of, or Affecting, the United States."
"Battles by United States Forces."
"United States, History of."
"Foreign Relations."
"Nations."
"States and Territories."
"Banks and Banking."
"Laws."
"Law, Terms of."
"Indian Tribes."
"Geography."

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¶ The collection of pictures appearing in the several volumes of this set can safely be said to be the best ever collected for the purpose of illustrating the history and progress of our country from every viewpoint.

¶ The pictures themselves almost tell the story of the development of this Nation. They appear in about equal number in each volume, and in direct connection with the text matter, therefore in chronological order.

¶ On the back of each of the historical illustration plates there is found descriptive matter which adds value to the illustrations and important historical data supplementing the messages themselves.

¶ In the forepart of each volume will be found a list of the illustrations therein.

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When a word or group of words is followed by the symbol *(q. v.)*, (which see), an article under that word or group of words is listed in the Index, and should be consulted.

A. B. C. Arbitration.—In the year 1914, the relations between the United States and Mexico became more and more seriously strained. (For details, consult Mexico.) On April 9, while the forces of Huerta, the provisional president of Mexico, whom the United States had refused to recognize, and the forces of Carranza and Villa, the rebel leaders, were fighting for the possession of the port of Tampico, a party of American sailors was landed at the port in order to obtain supplies, only to be arrested by the Huertistas.

The Americans were kept in custody only for one and one-half hours, and were then released. Huerta immediately offered apologies, in which he was joined by his commander at Tampico. However, Rear Admiral Mayo, the commander of the American fleet at Tampico, was not satisfied with the apologies tendered, declared that the American flag had been insulted, and insisted that the insult be avenged by a formal salute to the American flag by the Huerta government. (See page 7935.) When Huerta refused Admiral Mayo's demand, on the ground that the incident had been of a sufficiently trivial nature to be met by the official apologies already tendered, the situation obviously became serious.

It became more serious when, on April 21, 1914, American forces occupied Vera Cruz, after a pitched battle, in order to prevent a consignment of arms for the Huerta government from being landed at that city. But four days later the possibility of open war was lessened by the proffer of mediation from Argentine, Brazil and Chile, the "A. B. C." powers of South America, a proffer which was accepted by both Huerta and President Wilson, although not by the rebel forces operating against Huerta.

The Conference opened at Niagara Falls, Canada, on May 20, 1914. The United States was represented by Hon. Joseph Lamar and Hon. Frederick W. Lehmann, Huerta by six delegates, and the A. B. C. powers by the heads of their diplomatic missions to the United States. But it was soon evident that a settlement could not be reached because of the state of civil war in Mexico and the absence from the conference of one of the two parties engaged in that civil war. However, on June 12, General Carranza appointed delegates, and the conference proceeded on more substantial bases of adjudication. Nevertheless, an almost insuperable obstacle was presented by the demand of the Huertista forces that they be officially represented in the provisional and all-partisan government designed for Mexico by the Conference, and by the refusal of the United States to recognize the Huerta Government to that extent.

On June 31 and July 1, 1914, the delegates to the Conference finally signed a protocol providing for (1) A provisional government by agreement between the Huerta and Carranza-Villa factions; (2) The recognition of that government by the United States and by A. B. C. powers; (3) The withdrawal of the United States demand for further satisfaction because of the Tampico incident; (4) Amnesty for all foreigners in Mexico; and (5) The reference of all claims for damages against Mexico by other powers to international commissions.

However, when these terms were submitted to the Carranza-Villa faction, it refused to agree to them, so that the A. B. C. arbitration must be written down as a failure to achieve its ostensible results, although it undoubtedly helped to prevent the beginning of open hostilities between Mexico and the United States. Several weeks after the official signing of the protocol, the entire status of the Mexican situation was radically altered by victories of the rebel forces so marked as to cause the abdication of Huerta in July, 1914.

A. B. Plot—William H. Crawford, of Georgia, was a prominent Democratic-Republican candidate for the Presidency in 1824. During the early part of that year a series of letters signed "A. B." appeared in a Washington newspaper charging him with mal-

feasance in office as Secretary of the Treasury. They were written by Ninian Edwards, of Illinois, who had just been appointed minister to Mexico, and who acknowledged their authorship. Apr. 19, 1824, Edwards presented a memorial to the House of Representatives making specific charges. These he failed to sustain, and Crawford was exonerated.

Abaco Island (Bahamas), negotiations for cession of lands on, for erection of light-houses, 845.

Abandoned Farms.—The reasons given for farm abandonment are the impoverishment of the soil, through lack of fertilizer and rotation of crops, the meager financial rewards of ordinary farm labor, and the disinclination of country-bred men and women to remain on farms when the conveniences and luxuries of life are to be found in the cities, and enjoyed with greater comfort.

Many men with city experience and modern industrial and business ideas have made farming profitable where the country-bred farmer with only the conventional methods has failed. The back-to-the-farm movement was given considerable impetus by the development of intensive farming in the West, by irrigation, by the railroads, the Department of Agriculture and the high price of foodstuffs in the cities.

President Roosevelt appointed a commission to investigate the conditions of farm life in America, and he discusses the question fully in a special message (page 7253). (See also Country Life Commission.)

Abelman vs. Booth.—An important Supreme Court case maintaining the constitutionality of the fugitive-slave law of 1850. Booth was tried before a commissioner appointed by the United States district court of Wisconsin for violation of the fugitive-slave law, and ordered to appear before the district court. Failing to do so, he was imprisoned by Abelman, the United States marshal for the district, but was released by the supreme court of the State on a writ of *habeas corpus*. Later he was indicted before the United States district court, but was again released by the State supreme court. In 1858 the case came before the United States Supreme Court. Booth had pleaded the unconstitutionality of the law. The court upheld the law and reversed the decision of the State supreme court.

Abolition Party.—An anti-slavery party organized in 1839, which later absorbed the Liberty Party (q. v.), and the National Anti-Slavery Society (q. v.). Its mission having been fulfilled by the emancipation of the slaves, the party did not continue in existence after the Civil War. (See Abolitionists.)

Abolitionists.—A term applied during and preceding the Civil War to the members of the New England Anti-Slavery Society and those who held with them that "immediate unconditional emancipation without expatriation was the right of every slave and that he could not be withheld by his master an hour without sin." The first society for the abolition of slavery was formed in Pennsylvania in 1774; New York followed in 1785, Rhode Island in 1786, Maryland in 1789, and Connecticut, Virginia and New Jersey before 1792. Among the presidents of the New York society were John Jay and Alexander Hamilton.

Jan. 1, 1831, William Lloyd Garrison began the publication in Boston of a paper called *The Liberator*, which advocated the immediate liberation of slaves, regardless of all laws or constitutional provisions to the contrary. At the beginning of the following year he organized the above-named society, with the foregoing as its chief doctrine. Near the close of 1833 a similar society was formed in Philadelphia.

From this time forward the question became one of national importance. In consequence of his uncompromising utterances Garrison was indicted by grand juries in several Southern States and rewards were offered for his conviction. The New York *Weekly Emancipator* was another organ of the Abolitionists. Some strong pamphlets on the subject were: "Justice and Expediency; or, Slavery Considered with a View to Its Rightful and Effectual Remedy"; "Abolition," by John G. Whittier, Haverhill, Mass.; "Appeal in Behalf of that Class of Americans Called Africans," by Lydia Maria Child; and "The Sin of Slavery and Its Remedy," by Elizur Wright, a professor in the Western Reserve College. Abolition sentiments were not confined solely to the Northern States. The feeling against the abolitionists ran high and riots were frequent. At Alton, Illinois, in 1837, Elijah P. Lovejoy, an abolition editor, was mobbed and killed, and in 1838, Pennsylvania Hall, in Philadelphia, was burned. In 1838 many of the party desiring to nominate candidates for office, a proceeding to which the "Garrisonians" objected, withdrew. (See Abolition Party and illustrations opposite pages 1401 and 1841.)

Aborigines.—A word used to designate the earliest inhabitants of a country. In America the term is applied generally to the Indians found by the early settlers.

Abrogation.—In international law, the act of breaking or discontinuing, as the abrogation of a treaty.

Absentee Shawnee Indians. (See Indian Tribes.)

Abyssinia (Ethiopia).—The total area of the Ethiopian Empire is estimated at 350,000 to 400,000 English square miles, with a total population of from 7,000,000 to 8,000,000, of whom about half are Abyssinians, the remainder being Gallas, negro tribes on the west and south frontiers, and Danakils and Somalis on the east. About one-third of the whole area is covered by Abyssinian Somaliland. The boundaries of the empire are defined on the west, north, and northeast, where they touch, in order, the Sudan; the Italian colony of Massowah (Eritrea); the French colony of Djibuti; and the British Somaliland Protectorate. Northwards the boundary is about 15° 30′ N. lat., falling just south of Kassala.

Physical Features.—Western Abyssinia is a plateau, with peaks rising to 13,000-15,000 feet; Eastern Abyssinia consists of the Danakil and Somali lowlands.

Natural Resources.—Western Abyssinia contains some mineral wealth; iron and coal are not uncommon, and gold is washed in various streams, while salt, saltpetre, and sulphur are also procurable. The lower country and deep valley gorges are very hot; the higher plateaus are well watered, with a genial climate. In the hotter regions, sugar cane, cotton, coffee, rubber, etc., flourish; in the middle zone maize, wheat, barley, wild oranges and other fruit trees, tobacco, potatoes, etc., are cultivated; and above 9,000 feet are excellent pastures with some corn cultivation. There are two seasons in the year,

a dry winter and a rainy summer from June to September. The chief river is the Blue Nile. Horses, mules, donkeys, oxen, goats and sheep, and camels in the lowlands, form a large portion of the wealth of the people.

History.—It was visited by the Portuguese in 1492. The various small monarchies were united into one kingdom in 1855. In 1872 Kassai, of Tigre, who had assumed the title Negus Negust (King of Kings), was crowned as Johannes II, Emperor of Ethiopia. At his death in 1889, Menelik II (born 1842) became supreme ruler. Oct. 13, 1889, the Italian Government assumed a protectorate over Abyssinia, and by a subsequent treaty with King Menelik, the country came wholly under Italian influence. By an agreement signed Dec. 13, 1906, Italy, France and Great Britain undertook to preserve the integrity of Abyssinia.

Government.—Negus Negust or King of Kings Menelik II (King of Shoa). The Empire is a federation of the Kingdoms of Shoa, Godjam, Jimma, Kaffa and Wollo, and of the territories conquered by the dominant Kingdom of Shoa; the outward and visible sign of their allegiance to the Emperor being a contribution to the Imperial revenue. In 1908 a Council of Ministers was constituted by the Emperor with Lij Eyassu, grandson of Menelik, President of the Council. It was announced on May 18, 1911, that Lij Eyassu had been proclaimed Emperor after an effort by his cousin to wrest the government from him. On October 1, 1916, the Emperor was deposed by Uizero-Zeoditu, a daughter of Menelik.

The Judicial System is based upon the code of Justinian, and there is an appeal from the courts to the Emperor. Private property in land being little known and the marriage tie being easily dissolved by either party, there is little social coherence.

Education and Religion.—The Abyssinians are Christian and the Emperor claims descent from Menelek, the son of Solomon and the Queen of Sheba. The Metropolitan (Abuna Mattheos) and the priests and monks are in some degree subject to the Coptic Patriarch of Alexandria, and have combined religious, judicial and educational offices.

Production and Industry.—The principal pursuits are agriculture, cattle breeding and hunting. The chief exports are coffee, civet, wax, hides, rubber, ivory and gold; the chief imports being cottons, hardware, provisions, arms and ammunition, petroleum and glass. External trade is increasing.

Abyssinia is the home of the coffee plant, which furnishes one of the chief exports. Cotton, sugar cane and vines flourish. Iron is abundant. Cattle, sheep and horses are raised. American gray shirting, hardware, ammunition, petroleum are imported. The chief exports are coffee, gum, wax, gold, ivory and civet. Large herds of cattle, sheep and goats are raised; excellent horses and long-wooled sheep in higher elevations. Manufactures primitive; some cloth, and working of leather and metals, etc. Caravan trade important; hides, skins, ivory, wax, gum, coffee, gold, ostrich feathers, etc., exchanged for manufactured articles.

Transportation is generally carried on by mules, donkeys and pack-horses in the west and by camels in the lowlands. A railway has just been built under French auspices. The posts and telegraphs are under French management, and Abyssinia has been admitted to the Postal Union. Telegraphs and telephones have been constructed, and admission to the International Telegraph Convention has been sought.

Army.—The active army consists of the Imperial Troops, numbering about 200,000 men, armed with rifles, with some artillery and troops of Galla horsemen. The Feudatory States maintain local armies, available for Imperial purposes in time of war.

Towns.—The Capital, Adis Ababa, in Shoa, has a population of about 50,000; Harrar contains about 40,000; and Dire Dawa from 6,000 to 7,000. There are ancient architectural remains at Aksum, Gondar, and Ankober; modern architecture is very poor, while drainage and sanitation are unknown.

Foreign Relations.—Great Britain, France and Italy possess territory bordering the Abyssinian Empire and have entered into an agreement to respect the integrity of the Empire. The United States, Austria-Hungary and Germany have signed commercial treaties with the Empire. There are representatives of France, Germany, Great Britain, Italy, Russia and the U. S. A. at the capital. (See also Africa.)

Academy, Military. (See Military Academy.)

Academy, Naval. (See Naval Academy.)

Academy of Sciences, National. (See National Academy of Sciences.)

Acapulco, Mexico:
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Acapulco, The, seizure and killing of Gen. Barrundia on, and action of American minister to Guatemala, discussed, 5544.
Conduct of commander Reiter regarding, referred to, 5569.
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Accessory.—In law one who is guilty of a felony, not by committing the offense in person or as a principal, nor by being present at its commission, but by being in some other way concerned therein, as by advising or inciting another to commit the crime or by concealing the offender or in any way helping him to escape punishment. An accessory *before the fact* is one who counsels or incites another to commit a felony and who is not present when the act is done; *after the fact,* one who receives and conceals or in any way assists the offender, knowing him to have committed a felony. The laws of different States vary as to the punishment of accessories.

Accident Compensation for Workmen, discussed by President Roosevelt, 7087. (See also Employers' Liability.)

Acclamation.—In legislative bodies, the act of voting by ayes and nays; also called voting *viva voce.*

Accounts and Disbursements, Division of, Agriculture Department.—An important division of the Bureau of Agriculture. It has complete charge and supervision over the fiscal affairs of the Department. It

audits and pays all accounts and adjusts claims against the Department; decides questions involving the expenditure of public funds; prepares advertisements, schedules and contracts for annual supplies, leases, agreements, letters of authority, and all letters to the Treasury Department and Department of Justice; issues requisitions for the purchase of supplies and requests for transportation; prepares the annual estimates for appropriations, etc.

An idea of the work of the division may be had from the statement of its chief that in a recent year there were received, audited and paid 118,921 accounts, amounting to $15,736,198.02. More than 4,200 of these accounts, moreover, were so-called combined accounts. There were also audited and sent to the Treasury for payment 4,368 accounts. In the payment of the 118,921 accounts mentioned above it was necessary to draw 244 requisitions on the Treasury and issue 225,019 checks. To carry on the work of the Department of Agriculture for this year Congress appropriated $13,487,636 for ordinary expenses, in addition to permanent annual appropriations amounting to $6,329,000, and special appropriations of $1,874,614, making a total of $21,691,250. The cost of maintaining the Department of Agriculture has grown from $7,643,688 in 1906 to more than $65,000,000 at present.

Accounts, Public:
Settlement of, between United States and the several states, 133.
System of, improvement needed in, 1120.

Acheen, native Kingdom of North Sumatra, war with Netherlands, neutrality preserved by United States in, 4192.

Acknowledgment.—An acknowledgment is the act of declaring the execution of an instrument before an officer authorized to certify to such declaration. The officer certifies to the fact of such declaration, and to his knowledge of the person so declaring. Conveyances or deeds of land to be entitled to be recorded must first be acknowledged before a proper officer. Most of the States have forms of acknowledgments, which should be followed.

Acknowledgments may be taken in general by notaries public, justices of the peace, Judges or Clerks of Courts of the higher grades, Registers, Masters in Chancery, Court Commissioners, town clerks, Mayor and Clerks of incorporated cities, within their respective jurisdictions.

Seals or their equivalent (or whatever is intended as such) are necessary in Alaska, Connecticut, Delaware, District of Columbia, Florida, Idaho, Illinois, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, New Hampshire New Jersey, New York, North Carolina, Oregon, Pennsylvania, South Carolina, Vermont, Virginia, West Virginia, Wisconsin, Wyoming. In almost all the States deeds by corporations must be under seal. Forms are prescribed or indicated by the statutes of most of the States except Connecticut, Florida, Louisiana. Separate acknowledgment by wife is required in Alaska, Arkansas, Delaware, District of Columbia, Florida, Georgia, Idaho, Kentucky, Louisiana, Montana, Nevada, New Jersey, North Carolina, Oregon, Pennsylvania, South Carolina, Tennessee, Texas. One witness to the execution of deeds is required in District of Columbia, Maine (customary), Maryland, Nebraska, New Jersey (usual), Oklahoma, Utah, Wyoming. Two witnesses to the execution of deeds are required in Arkansas, Connecticut, Florida, Georgia, Louisiana, Michigan, Minnesota, New Hampshire, Ohio, Oregon, South Carolina, Texas, Vermont, Wisconsin.

Acre Right.—The share of a citizen of a New England town in the common lands. The value of the acre right was a fixed quantity in each town, but varied in different towns. A ten-acre lot or right in a certain town was equivalent to 113 acres of upland and twelve acres of meadow, and a certain exact proportion was maintained between the acre right and salable lands.

Act of Hostility.—An unfriendly representation calculated to provoke war; or conduct of a war-like nature on the part of one country toward another. When the unfriendly, or war-like act is of such a nature as to preclude or make undesirable any attempt at adjustment by arbitration or diplomatic protest and representations, it becomes an overt act (q. v.), and is tantamount to a declaration of war on the part of the offender.

Acts of Congress. (See Bills and Acts.)

Acts, Public.—Public acts are the laws of a State and of the United States. State records are the registered deeds of property, journals of legislatures, etc. Judicial proceedings are the records of courts. Under the Constitution each State must give full faith and credit to the public acts, records, and judicial proceedings of every other State (twenty-four). The chief value of this provision is that it prevents endless lawsuits. When a case has been decided in one State, it cannot be opened in the courts of another State.

Adams, John.—1797-1801.

Third Administration—Federal.

Vice-President—Thomas Jefferson.

Secretary of State—
Timothy Pickering (continued).
John Marshall, from May 13, 1800.

Secretary of the Treasury—
Oliver Wolcott (continued).
Samuel Dexter, from Jan. 1, 1801.

Secretary of War—
James McHenry (continued).
Samuel Dexter, from May 13, 1800.
Roger Griswold, acting from Feb. 3, 1801.

Secretary of the Navy—
George Cabot appointed. Declined May 3, 1798.
Benjamin Stoddert, from May 3, 1798.

Attorney-General—
Charles Lee (continued).

Postmaster-General—
Joseph Habersham (continued).

Party Affiliation.—Adams was essentially a Federalist and in common with his party, distrusted the self-governing power of the masses. He believed in strong central government by a class, not hereditary, but fitted by merit. He was democratic to the extent of believing that equality meant that all men should have equal rights in the eyes of the law; but that in hereditary rights, capacity, advantages, and position, all men are by no means equal. While vice-president and presiding officer in the Senate he was frequently called upon to decide by his casting vote questions of vital importance in the maintenance of the policy of Washington. This occurred no fewer than twenty times in one session of Congress.

The Fifth Congress first met in extra session at Philadelphia, May 15, 1797, to con-

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT J. ADAMS, 1797-1801.

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sider the threatening relations with France. Jonathan Dayton, Federalist, of New Jersey, was elected Speaker of the House. The use of the three frigates already built was authorized and 80,000 militia were called for. An act was passed punishing privateering on a friendly nation by a fine of $10,000, and imprisonment for ten years. The House Committee on Ways and Means was first organized at this session.

War with France Threatened. — Adams appointed John Marshall, Elbridge Gerry and C. C. Pinckney commissioners to treat with France. They met in Paris Oct. 4, 1797, and were approached with a proposition to bribe members of the French Directory. They refused with indignation, implicating Talleyrand, the French Minister of Foreign Affairs, and were ordered out of France. It was on this occasion that Mr. Pinckney is reported to have given utterance to the famous sentence declaring that the United States had "Millions for defense; not one cent for tribute." Partisan feeling was general and bitter throughout the country and diplomacy was strained to the utmost to avert actual hostilities with France.

Congress organized the Navy Department and authorized a provisional army of 10,000 men. Harper's Ferry was selected as a site for a government armory and manufactory. Washington was appointed commander-in-chief of the army with the rank of Lieutenant-General. The patriotic song "Hail, Columbia," was first sung in May, 1798. Commanders of ships of war were instructed to seize French armed vessels attacking American merchant-men or hovering about the coast for that purpose. Commercial intercourse with France was suspended and in July all treaties with that country were declared void. Although several naval engagements took place, a state of war did not exist according to international judicial opinion. The passage of the Alien and Sedition laws (*q. v.*) was one of the notable acts of the Fifth Congress.

March 30, 1799, upon assurance from France that a representative from the United States would be received with the "respect due a powerful nation" Adams sent William Vans Murray as Minister and associated with him Chief Justice Ellsworth, of Connecticut, and Gov. Davie, of North Carolina. All were received by Napoleon, first Consul.

Foreign Policy.—Party lines and party strife during the Adams administration were more largely influenced by foreign than by domestic political issues. Despite the humiliation inflicted upon the young Republic by both France and Great Britain, Adams resolutely followed Washington's policy of strict neutrality. It was difficult to steer safely between the bitter feeling against Great Britain which the Democrats displayed, and the dislike for France manifested by the Federalists. The decrees issued by France against American commerce caused Adams to convene Congress in special session soon after his inauguration. In his message on this occasion he reviews the situation and asks Congress to consider how war with France may be averted. He said: (page 226) "I shall institute a fresh attempt at negotiation and shall not fail to promote and accelerate an accommodation on terms compatible with the rights, duties, interests, and honor of the nation." The special commission composed of Pinckney, Marshall, and Gerry was sent to France, but was not openly received.

Then followed the X. Y. Z. affair (*q. v.*), and the publicity of the despatches relating to it aroused great excitement in Europe and a storm of indignation in America. From all parts of the United States came the war-cry, "Millions for defense; not one cent for tribute." It was then that the nucleus of the navy was formed, and the army strengthened and commanded by Washington, who accepted the rank of lieutenant general. Then the French directory saw the error they had committed and made overtures to the United States. Adams met them, though his manner of doing so by appointing Vans Murray to negotiate peace antagonized Hamilton and his friends and brought about a rupture in the Cabinet. Adams always stoutly maintained that this was the most meritorious act of his life; and later generations have so testified. "I desire," he said, "no other inscription over my gravestone than this: 'Here lies John Adams, who took upon himself the responsibility of peace with France in 1800.'" The stringent alien and sedition acts, passed later in this administration, greatly increased the unpopularity of Adams.

Finances.—Adams very closely followed Washington's policy of paying off the national debt as rapidly as possible, so far as the exigencies of war would permit. He, however, deprecated doing so by means of loans. In his First Annual Address (page 253) he said: "The national defense must be provided for as well as the support of Government; but both should be accomplished as much as possible by immediate taxes, and as little as possible by loans." Feb. 12, 1798, in a special message (page 252) he reports a balance on hand at the beginning of the year of $15,494.24. In his Fourth Annual Message (page 297) he is able to report to Congress a greater revenue during the year than ever before, and says: "This result affords conclusive evidence of the great resources of this country and of the wisdom and efficiency of the measures adopted by Congress for the protection of commerce and preservation of public credit." In his reply to the Senate (page 302) he fully agrees "that the great increase in revenue is a proof that the measures of maritime defense were founded in wisdom. This policy has raised us in the esteem of nations." By proclamation of July 22, 1797 (page 239) all foreign silver coins, except Spanish milled dollars and parts of such dollars, shall cease to pass current or to be legal tender within the United States after Oct. 15, 1797; and all foreign gold coins shall cease to be legal tender after July 31, 1798. It also records the fact that coinage of silver began at the Mint of the United States on Oct. 15, 1794; and of gold on July 31, 1795.

Tariff.—July 8, 1797, an act was passed "laying additional duty on salt imported into the United States and for other purposes."

Public Debt.—During the administration of John Adams the public debt of the United States stood as follows: January 1, 1798, $79,228,529.12; 1799, $78,408,669.77; 1800, $82,976,294.35; 1801, $83,038,050.80.

Commerce.—The retaliatory prohibition of trade with certain of the French West Indies was removed by proclamations in 1799. These applied to ports in the Island of Santo Domingo. The defensive measures adopted by Congress for the protection of merchant vessels under convoy of an armed frigate, together with the renewal of amity and friendship with France, caused a rapid recuperation in commercial circles. Commercial transactions in the country for the year 1800 are represented as follows:

Total money in circulation, $26,500,000; Revenues, $10,848,749; Expenditures, $7,411,370; Imports, $91,252,768; Exports, $70,971,780

Political Complexion of Congress.—In the Fifth Congress the Senate of thirty-two members was made up of twenty-one Federalists and eleven Democrats; the House, of 105 members, was made up of fifty-one Federalists and fifty-four Democrats. In the Sixth Congress the Senate, of thirty-two members, was made up of nineteen Federalists and thirteen Democrats; the House, of 105 members, was made up of fifty-seven Federalists and forty-eight Democrats.

The Sixth Congress, the last to assemble in Philadelphia, met Dec. 2, 1799, and Theodore Sedgwick, of Massachusetts, was elected Speaker of the House. The death of Washington (Dec. 14) was announced to Congress Dec. 19 (page 287), and in his eulogy Henry Lee of Virginia used the memorable phrase, "First in war, first in peace and first in the hearts of his countrymen." At this session a gold medal was awarded to Thomas Truxtun, who, in command of the *Constellation*, had captured the French ship of war *L'Insurgente* and the frigate *La Vengeance*. The frigate *George Washington* carried tribute money from the United States to the Dey of Algiers and was required to carry the Dey's ambassador to Constantinople.

Successor Elected.—When the electoral votes were counted in February it was found that Jefferson and Burr, Democratic-Republican candidates, had each 73 votes; John Adams, Federalist, 65, and C. C. Pinckney, Federalist, 64, and John Jay, 1. The tie between Jefferson and Burr was sent to the House to decide, and after seven days, in which thirty-six ballots were taken, Jefferson and Burr were elected.

Adams, John:
Annual addresses of, 240, 261, 279, 295.
Addresses of Senate in reply, 244, 265, 282, 298.
Replies of President, 246, 267, 283, 299.
Addresses of House in reply, 247, 267, 283, 300.
Replies of President, 248, 270, 286, 302.
Biographical sketch of, 217.
Constitutional amendment relative to postponement of meeting of Congress suggested by, 240.
Death of, announced and honors to be paid memory of, 914.
Referred to, 930.
Death of Washington announced by, 287.
Address and replies, 288, 289, 290.
Division between people and government discouraged by, 229.
Exequaturs issued consuls of France revoked by, 260.
Finances discussed by, 228, 243, 252, 265, 281, 297.
Foreign policy discussed by, 228.
Hostile policy of France discussed by, 262.
Inaugural address of, 218.
Oath of office, notifies Congress of time and place of taking, 1220.
Pardons granted insurgents in Pennsylvania by, 293.
Portrait of, 216.
Proclamations of—
Commerce with France, restraints on, removed, 278, 292, 294.
Exequaturs of French consuls revoked, 260.
Extraordinary session of—
Congress, 222.
Senate, 306, 1220.
Foreign coins, legal tender of, 239.
Insurrection in Pennsylvania, 276.
Land for light-house designated, 1221.
Pardons to insurgents in Pennsylvania, 293.
Restraints on commerce with France removed by proclamation, 278, 292, 294.
Thanksgiving, 258, 274.
Property of United States in possession of, discussed by, 305.
Senate requested by, to postpone adjournment, 257.
Special session message of, 223.
Address of Senate in reply, 229.
Reply of President, 232.
Address of House in reply, 232.
Reply by President, 234.
Thanksgiving proclamations of, 258, 274.

Adams, John Quincy.—1825-1829.

Tenth Administration—Democratic-Republican.

Vice-President—John C. Calhoun.

Secretary of State—
Henry Clay.

Secretary of the Treasury—
Richard Rush.

Secretary of War—
James Barbour.
Peter B. Porter, from May 26, 1828.

Secretary of the Navy—
Samuel L. Southard (continued).

Attorney-General—
William Wirt (continued).

Postmaster-General—
John McLean (continued).

Party Affiliation.—Though trained in politics and diplomacy by his father, John Quincy Adams soon manifested independence of political thought and action. He broke with the Federalists when he gave unqualified support to Jefferson on the Louisiana Purchase, and, later, on the embargo. Speaking of the Federalists defending the *Leopard* affair, he said: "This was the cause which alienated me from that day and forever from the councils of the Federalist party." It was not long until he became active in Republican circles, both as a diplomat and as a Cabinet officer. During his administration, he was Whig so far as favoring internal improvements, the national bank, and high tariff on importations. As ex-President, he was elected to Congress (1831) by the anti-Masonic party, but he there maintained a perfectly independent attitude. When he left Congress he supported the Abolitionists, and from 1836 until 1845 he was fierce in his denunciation of gag-rule.

John Quincy Adams became Chief Magistrate by popular choice in an election where personality was concerned more than party affiliation. The election of 1824 was not regulated by Congressional caucus, which had lost its importance with the waning of

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT J. Q. ADAMS, 1825-1829.

(NOT INCLUDING TERRITORIES)

FLAG OF 1829

MAINE 1820
VT 1791
N. H. 1788
MASS 1788
CONN 1788
R. I. 1790
NEW YORK 1788
PENNSYLVANIA 1787
N. J. 1787
DEL. 1787
MD. 1788
VIRGINIA 1788
NORTH CAROLINA 1789
SOUTH CAROLINA 1788
GEORGIA 1788
OHIO 1803
INDIANA 1816
ILLINOIS 1818
MISSOURI 1821
KENTUCKY 1792
TENNESSEE 1796
MISSISSIPPI 1817
ALABAMA 1819
LOUISIANA 1812

the Federalists, nor by national convention, which mode of nomination did not originate until formed by the Anti-Masons in 1830.

Vote.—The contest was free for all, and narrowed down to four candidates: Adams, Jackson, Crawford, and Clay. Twenty-four States took part in the election, which was held Nov. 2. This is the earliest election in which there appears a record of the popular vote, as most of the electors were chosen by that means. That record shows that Andrew Jackson received 155,872 votes; John Quincy Adams, 105,321; William H. Crawford, 44,282; and Henry Clay, 46,587. The electoral vote, counted on Feb. 9, 1825, gave Andrew Jackson, 99; John Quincy Adams, 84; William H. Crawford, 41; and Henry Clay, 37.

Vote in House.—As no one received a majority, the House proceeded on the same day to elect a President from the three highest candidates. This excluded Clay, the most popular of the candidates in the House. John Quincy Adams was elected by the votes of thirteen States: Jackson received seven, and Crawford four. The electoral college had elected John C. Calhoun Vice-President, with 182 votes. In the electoral college, had three New York men, who were returned as Clay men, voted in accordance with their instructions, Clay would have been one of the three to go to the House, and the result might have been very different. This was the second time that the House was called upon to choose a President.

Political Complexion of Congress.—In the Nineteenth Congress (1825-1827) the Senate, of forty-eight members, was made up of thirty-eight Democrats and ten Whigs; and the House, of 213 members, was made up of seventy-nine Federalists and 134 Democrats. In the Twentieth Congress (1827-1829) the Senate, of forty-eight members, was made up of thirty-seven Federalists and eleven Whigs; and the House, of 213 members, was made up of eighty-five Federalists and 128 Democrats.

John W. Taylor, of New York, was elected Speaker of the House in the Nineteenth Congress, which numbered among its members Edward Everett, of Massachusetts, and James K. Polk, of Tennessee.

In 1826 the South American States called a general congress to meet in Panama and invited the United States to be represented (page 884). During the debate on the subject in the Senate John Randolph referred to the association of Adams and Clay as that of the Puritan and the blackleg. A duel followed between Clay and Randolph.

The disappearance of William Morgan from Canandaigua, N. Y., Sept. 12, 1826, gave rise to the Anti-Masonic party.

Indian Affairs.—Numerous treaties were made with Indians during Adams' administration, among them the cession of the lands of most of the tribes inhabiting territory east of the Mississippi River and their removal to the Indian Territory. The refusal of the Creeks to be bound by a treaty signed by their chiefs formed the subject of special message by Mr. Adams (page 890).

Tariff.—Two acts relating to the tariff were passed in this administration—that of May 22, 1824, and of May 19, 1828. Speaking of the latter in his Fourth Annual Message (page 980) President Adams said: "The tariff of the last session was in its details not acceptable to the great interests of any portion of the Union, not even to the interests which it was specially intended to serve. Its object was to balance the burdens upon native industry imposed by the operation of foreign laws, but not to aggravate the burdens of one section of the Union by the relief afforded to another. . . . But if any of the duties imposed by the act only relieve the manufacturer by aggravating the burden of the planter, let a careful revisal of its provisions, enlightened by the practical experience of its effects, be directed to retain those which impart protection to native industry and remove or supply the place of those which only alleviate one great national interest by the depression of another."

Internal Improvements.—The policy of President Adams differed materially in regard to internal improvement from those of his immediate predecessors. In his Inaugural Address (page 864) he said: "To pursue to their consummation those purposes of improvement in our common condition instituted or recommended by him [Monroe] will embrace the whole sphere of my obligations. To the topic of internal improvement emphatically urged by him at his inauguration, I recur with peculiar satisfaction. It is that from which, I am satisfied, the unborn millions of our posterity who are in future ages to people this continent will derive their most fervent gratitude to the founders of the Union; that in which the beneficent action of its Government will be most deeply felt and acknowledged. . . . The extent and limitation of the powers of the General Government in relation to this transcendently important subject will be settled and acknowledged to the common satisfaction of all, and every speculative scruple will be solved by a practical public blessing."

Public Debt.—The public debt of the United States during the administration of President Adams stood as follows: January 1, 1826, $81,054,059.99; 1827, $73,987,357.20; 1828, $67,475,043.87; 1829, $58,421,413.67.

In his Second Annual Message (page 924) the President says: "It is well for us, however, to be admonished of the necessity of abiding by the maxims of the most vigilant economy, and of resorting to all honorable and useful expedients for pursuing with steady and inflexible perseverance the total discharge of the debt." In his Third Annual Message (page 952) he says: "The deep solicitude felt by our citizens of all classes throughout the Union for the total discharge of the public debt will apologize for the earnestness with which I deem it my duty to urge this topic upon the consideration of Congress—of recommending to them again the observance of the strictest economy in the application of the public funds."

Finance.—In his Fourth Annual Message (page 977), at the close of his administration, President Adams was able to say: "The condition and prospects of the revenue are more favorable than our most sanguine expectations had anticipated." He reported a balance in the Treasury, Jan. 1, 1828, of $5,861,972.83; with a prospect of a balance of over $5,000,000 on the first of the coming year. "The receipts for the present year have amounted to near two millions more than was anticipated at the commencement of the last session of Congress."

Slavery.—"The African Slave Trade," said President Adams in his First Annual Message (page 875), "has long been excluded from the use of our flag, and if some few citizens of our country have continued to set the laws of the Union, as well as those of nature and humanity, at defiance by persevering in that abominable traffic, it has been only by sheltering themselves under the banners of other nations less earnest for the total extinction of the trade than ours."

But the intensity of feeling with which the President loathed slavery came out in its fullest force when, as ex-President, he returned to Congress and, single-handed, fought the pro-slavery forces and brought about the repeal of the "gag-law" which the House tried to enforce against the Abolitionists.

Adams, John Quincy:

Annual messages of, 865, 916, 944, 973.

Astronomical observatory, establishment of, recommended by, 789.

Biographical sketch of, 857.

Commissioner to negotiate treaty with Sweden, nomination of, 254.

Death of, announced and honors to be paid memory of, 2477.

Election of, notification of, 858.
Reply of, 858.

Finances discussed by, 869, 923, 952, 977.

Foreign Policy discussed by, 862, 868, 884, 895, 903, 922, 950.

Inaugural address of, 860.

Internal Improvements discussed by, 982.

International Congress at Panama discussed by. (See Panama, Isthmus of.)

Minister plenipotentiary of the United States to the court of Russia at St. Petersburg appointed by President Madison, June 26, 1809, 456.

Oath of office, notifies Congress of time and place of taking, 859.

Portrait of, 856.

Private secretary of, assaulted while delivering message to Congress, 966.

Proclamations of—

Commercial intercourse with British colonial ports suspended, 941.

Discriminating duties suspended on vessels of—
Hanover, 970.
Italy, 942.
Facsimile of, opposite 868.

Extraordinary session of Senate, 997.

Reward for apprehension of Willis Anderson, 943.

Secretary of State, 604.

Correspondence in regard to claims against France, 834.

State of the Union, discussed by, 865, 916, 944, 978.

Tariff discussed by, 979.

Tribute paid memory of Jefferson and Adams by, 930.

Adamson Law. (See Railroads, *Eight-hour Day.*)

Addison, The, impressment of seamen from, 2772.

Adelaide, international exhibition at, discussed, 5116.

Adjutant General. (See War Department and Army.)

Administration.—This term is generally applied to the President and his Cabinet. The President as chief executive officer of the nation may direct, without consultation, the acts of any departmental chief, guided solely by the Constitution. He is authorized, however, to consult the heads of Departments. Washington consulted with his Attorney-General and Secretaries of State, War, and the Treasury. When in 1798 the Navy Department was established, Benjamin Stoddert, its chief executive officer, was admitted to the President's council. The Postmasters-General were not called into council until 1829, during William T. Barry's incumbency. Secretaries of the Interior, of Agriculture and of Commerce and Labor were invited to seats at the council table immediately upon the establishment of their Departments.

Admiral.—The highest rank in the United States Navy. The word is derived from the Arabic amir-al, and means "chief of the." It was early used in England as the title of the commander of the navy. In the United States the rank was first created especially to confer honor upon David G. Farragut.

July 11, 1862, upon recommendation of President Lincoln, Farragut, then referred to courteously but unofficially as Commodore, received the thanks of Congress for his distinguished services in capturing New Orleans and opening the lower Mississippi to the Union forces. Upon the reorganization of the navy in the same month he was placed first on the list of rear-admirals. Further successes on the lower Mississippi and in Mobile Bay induced Congress to express the gratitude of the country by creating another and higher grade for Farragut —that of Vice Admiral—in which office he was confirmed Dec. 21, 1864. After the war between the States Congress created the office of Admiral and conferred it upon Farragut July 25, 1866. Vice Admiral David D. Porter succeeded to the title in 1870, and upon his death in 1891, the title became extinct. For distinguished services in the battle of Manila Bay, May 1, 1898, George Dewey was promoted by Congress to be Admiral of the Navy, a grade above admiral and corresponding to admiral of the fleet in the British navy and a similar one in other navies.

The naval appropriation bill of 1915 contained a provision that after June 1 of that year the commanding officer of the Atlantic fleet, the Pacific fleet and the Asiatic fleet, while serving as such, should have the rank of Admiral, and the officer serving as second in command of those fleets should have the rank of Vice Admiral. Under that law Frank F. Fletcher, Thomas B. Howard and Walter Cowles were named as Admirals. The Admiral's flag has a navy blue background, on which four stars are arranged like the points of a diamond in the middle of the pennant. The rank of Admiral in the navy corresponds to that of General in the army; that of Vice Admiral to Lieutenant General, Rear Admiral (first nine class) to Major General and Rear Admiral (second nine class) to Brigadier General.

Admiral, revival of grade of, recommended, 6345.

Admiral P. Tordenskiold, The, appropriation in behalf of owners of, recommended, 3328.

Admission of States.—The Declaration of Independence declares "that these United

Colonies are, and of right ought to be, free and independent States" (page 4). Its adoption on July 4, 1775, created as such the original thirteen States of the Union, viz.: Delaware, Pennsylvania, New Jersey, Georgia, Connecticut, Massachusetts, Maryland, South Carolina, New Hampshire, Virginia, New York, North Carolina, and Rhode Island. Shortly before this date several of the Colonies had modified their original charters and established independent local governments. Oct. 10, 1780, the Continental Congress passed a resolution providing that western territory which might be "ceded to the United States by any particular State shall be disposed of for the common benefit of the United States and be settled and formed into distinct republican States, which shall become members of the Federal Union and have the same rights of sovereignty, freedom, and independence as the other States"; and in 1789 the Constitution made its provision for the admission of new States (page 24).

Most of the States that have been admitted since the formation of the original Union have achieved statehood from a condition of territorial organization prescribed by Congress, although some have not gone through this process. Such territorial organization was first established by Congress in July, 1787, when it passed the ordinance providing a government for the Northwest Territory (*q. v.*). The method of direct admission is illustrated by Vermont, which was formed out of territory claimed by New York and New Hampshire; Texas, which was annexed; and California, which was admitted soon after the Mexican war, without waiting to be organized as a Territory. The usual steps by which a Territory becomes a State are: (1) A petition to Congress expressing the desire of the people for admission; (2) an enabling act passed by Congress stating the conditions of admission; (3) the adoption of a constitution and a form of State government by a convention of delegates chosen by the people; (4) the ratification of the constitution and the election of State officers by the people; and (5) a proclamation by the President announcing that the Territory has become a State.

The question of the admission of Kansas under a constitution which permitted slavery or one which forbade it became a national political question between 1856 and 1859. Pro-slavery and anti-slavery partisans sent colonists into the territory to help form a constitution, and the animosities between these became so bitter as to cause riot and bloodshed. (See Kansas; Lecompton Constitution; Wyandotte Constitution.)

Provisions for the admission of New Mexico and Arizona into the Union as States were made by Chapter 310 of the acts of the Second Session of the sixty-first Congress, approved June 20, 1910. Constitutional conventions were held in both Territories under the provisions of the above-mentioned act. State Constitutions were framed and submitted to the people for ratification and were adopted. The Constitution of Arizona having contained a provision providing for the recall of the judiciary by the electors and the Constitution of New Mexico having contained a clause "attempting to annul and set aside the boundary lines heretofore legally run" between the Territory of New Mexico and the State of Texas, said Constitutions failed to receive the approval of the President and Congress.

At the First Session of the sixty-second Congress, a joint resolution "to admit the Territories of New Mexico and Arizona upon an equal footing with the original States" was adopted, which admitted both Territories to statehood conditionally; the condition being the elimination of the objectionable provisions from the State Constitutions adopted by the people of the respective Territories. This elimination was finally agreed to. The first state to be joined to the original union of thirteen states was Vermont, in 1791; and the last, Arizona, in 1912.

The following table shows the order and date of admission to the Union of the several states, as well as the order and date of ratification of the Constitution by the original states:

ORIGINAL STATES

States	Ratified the Constitution
1—Delaware	Dec. 7, 1787
2—Pennsylvania	Dec. 12, 1787
3—New Jersey	Dec. 18, 1787
4—Georgia	Jan. 2, 1788
5—Connecticut	Jan. 9, 1788
6—Massachusetts	Feb. 6, 1788
7—Maryland	April 28, 1788
8—South Carolina	May 23, 1788
9—New Hampshire	June 21, 1788
10—Virginia	June 26, 1788
11—New York	July 26, 1788
12—North Carolina	Nov. 21, 1789
13—Rhode Island	May 29, 1790

STATES ADMITTED TO THE UNION

States	Admitted
1—Vermont	Mar. 4, 1791
2—Kentucky	June 1, 1792
3—Tennessee	June 1, 1796
4—Ohio	Feb. 19, 1803
5—Louisiana	April 30, 1812
6—Indiana	Dec. 11, 1816
7—Mississippi	Dec. 10, 1817
8—Illinois	Dec. 3, 1818
9—Alabama	Dec. 14, 1819
10—Maine	Mar. 15, 1820
11—Missouri	Aug. 10, 1821
12—Arkansas	June 15, 1836
13—Michigan	Jan. 26, 1837
14—Florida	Mar. 3, 1845
15—Texas	Dec. 29, 1845
16—Iowa	Dec. 28, 1846
17—Wisconsin	May 29, 1848
18—California	Sept. 9, 1850
19—Minnesota	May 11, 1858
20—Oregon	Feb. 14, 1859
21—Kansas	Jan. 29, 1861
22—West Virginia	June 19, 1863
23—Nevada	Oct. 31, 1864
24—Nebraska	Mar. 1, 1867
25—Colorado	Aug. 1, 1876
26—North Dakota	Nov. 2, 1889
27—South Dakota	Nov. 2, 1889
28—Montana	Nov. 8, 1889
29—Washington	Nov. 11, 1889
30—Idaho	July 3, 1890
31—Wyoming	July 11, 1890
32—Utah	Jan. 4, 1896
33—Oklahoma	Nov. 16, 1907
34—New Mexico	Jan. 6, 1912
35—Arizona	Feb. 14, 1912

Admission of States (see also the several States; Reconstruction; Restoration):
Acts for admission of certain Southern States vetoed, 3846, 3848.
Discussed by President Roosevelt, 7020.
Recommendations regarding, 3033, 3086.

Admittance, The, seizure of, on coast of California, 2456.

Adobe State.—A nickname for New Mexico (q. v.). (See also States.)

Adriatic Sea, islands in, disposition of, discussed, 8704, 8707.

Adulterated Foods, regulation of interstate traffic in, 7012.

Ad Valorem Duty. —Duty on imported goods, based on the value thereof.

Aeronautics.—The science of navigating the air has an authentic history dating back to A. D. 67. The free flying balloon or aerostat is a spherical bag filled with gas whose specific gravity is lighter than the air near the surface of the earth; it cannot be steered, and is at the mercy of the air currents.

A dirigible balloon has an elongated envelope, and is equipped with a motor, propellers and a rudder, and can be steered in a moderate wind.

Flying machines which are not lifted into the air by gas bags are generally known as aeroplanes. They are respectively classified as monoplanes, biplanes, triplanes, etc., according as they consist of one or a number of plane surfaces.

The French army, in a battle with the Austrians at Mauberge, June 13, 1794, used an aerial vessel for reconnoitering the position of the enemy, and balloons were used during the civil war in the United States and by the French at the siege of Paris.

Experiments with plane surfaces driven at high speed were first successful in 1843, when the English inventor Henson flew the first aeroplane. In America the pioneers in mechanical flight were Octave Chanute, of Chicago, and A. M. Herring.

The first substantial advance in flying machines was made by Lilienthal in Germany, in the seventies and eighties. His researches, followed by practical demonstration of aeroplanes, have formed the basis of all subsequent achievement. Professor Langley, of the Smithsonian Institution in Washington, began experimenting in 1885, and flew across the Potomac River in 1896. The Wright brothers, Wilbur and Orville, following the lines of Langley and Lilienthal, made their first flights under motor power in 1903. July 4, 1908, Glenn H. Curtiss flew in a biplane at the rate of forty miles an hour.

In the earlier machines, the pilot's legs dangled below the wings, and the many wires which braced the wings cut the air in such a manner as to cause many cross-currents. The newer machines have the parts enclosed as far as possible in a boat-like body. There is often more than one propeller.

A modern plane represents about 4,000 hours of work for its construction. The frame is usually made of mild steel or of spruce, which for an equal weight has almost three times the strength of steel. The wings are of linen covered with four or five coats of varnish, cotton and silk proving for this purpose less durable than linen.

On May 15, 1918, mail service by aeroplane was inaugurated between New York and Washington, with stops at Philadelphia. The flying time between New York and Philadelphia was scheduled at one hour and between Philadelphia and Washington at two hours. The service was then extended to other cities.

As had been foreseen, the development of the aeroplane practically revolutionized the practice of warfare in the World War.

No aviation records have been considered as official since the outbreak of the World War. At that time, the records of the International Aeronautical Federation were as follows:

Speed—5 kilom., 1.43%. 200 kilom., 59.45%. 1,000 kilom., 13.1.12.

Distance—627.77 miles.

Duration—13 hours, 17 minutes, 57⅘ seconds.

Height—20,295 feet.

The complete eclipse of these figures by later, if unofficial, figures may be understood by mention of the facts that as long ago (from the standpoint of the development of aviation) as 1916 a distance of 807 miles was attained and a height of 24,408 feet. In 1917, a distance of 920 miles was attained.

In May, 1919, an airplane of the United States Navy, the NC-4, crossed the Atlantic Ocean, making a landing en route at the Azores Islands. The start was from Rockaway Beach, New York; then to Chatham, where it was forced to descend; then to Halifax; then to Trepassey; then across the ocean to the Azores, a flight of 15 hours; then to Ponta Delgada, Portugal, ending the flight at Plymouth, England. The plane was commanded by A. C. Read, and piloted by E. F. Stone and W. Hilton, and was the only one of the four planes of the Navy attempting the flight to accomplish it. A string of destroyers of the Navy was stationed along the path mapped out for the aviators from Canada to Portugal.

In June, 1919, Captain Alcock and Lieutenant Brown, of Great Britain, flew without stop, and without the protection of a string of destroyers, directly across the Atlantic Ocean from Halifax to Ireland. A previous attempt at such a flight, made by Harry Hawker and M. Grieve in May, 1919, had come to grief in mid-ocean. Alcock and Brown made their distance of 1,980 miles in 16 hours and 12 minutes.

In the fall of 1919, a number of United States Army planes flew across the country from ocean to ocean, and then returned to their starting point, completing a round trip.

Other records of 1919 included an altitude record of 34,600 feet, a duration record of 20 hours, a sustained speed of 148 miles an hour, and a temporary speed of 226 miles an hour.

Aeronautics, Director of Military, created and duties assigned, 8514, 8516.

Aeroplane.—An airship which is heavier than air, as distinguished from lighter-than-air machines, such as balloons or Zeppelins (q. v.). See also Aeronautics.

Aeroplane, American vessel attacked by, 8062.

Aero Squadron, for army, 8106.

Afghanistan (called Khorassan by the natives) is an independent Asiatic state on the northwest frontier of India. Its area is estimated at 246,000 English square miles and its population at 6,000,000. It is bounded on the west by Persia, on the south by British Baluchistan, on the north by Russia in Asia, and on the east by the Punjaub and northwest Frontier Provinces of British India.

Ethnography.—The population is mixed. The Afghans (or Duranis) have been predominant since 1747, especially in Kanda-

har. Next came the Ghilzais (military and commercial) and the Tajiks (aboriginals, who are cultivators or retail traders). On the Indo-Afghan frontier are many Pathan tribes, who are much influenced by the mullahs. All are Sunni Mohammedans, except the Hazaras and Kizilbashes, who belong to the Shiite sect. The national tongue is Pushtu. Recently steps have been taken to develop education, hitherto controlled by the mullahs.

Physical Features.—Mountains, chief among which are the Hindu Kush, cover three-fourths of the country, the elevation being generally over 4,000 feet. There are three great river basins, the Oxus, the Helmand, and the Kabul. The climate is dry, with extreme temperatures in winter and summer.

Government.—Amir of Afghanistan and of its Dependencies, Habibullah Khan ("Lamp of the National Religion") succeeded his father (Abdurrahan Khan) Oct. 3, 1901. The Amir (Abdur Rahman Khan) established a strong central government and introduced a regular civil and military organization, including officers for public works, posts, police, finance and trade, etc. For the purposes of local government, the country is divided into six provinces, Kabul, Kandahar, Herat, Turkestan, Farrar and Badakshan (with Kafristan and Wakhan), which are under governors (hakim), with subordinate nobles and judges, police and revenue officers. The Afghan laws are Islamic sacred laws, tribal laws, and those of the Amir, who is the Court of Appeal. The law is bulky and the criminal law severe.

Foreign Relations.—By agreement with the Amir, the "buffer State" of Afghanistan has no foreign relations with any Power except the Government of India. The modern history of Afghanistan dates from 1881, when Abdurrahan was recognized as ruler. The British Government engaged to preserve the safety and integrity of Afghanistan against any unprovoked attack, provided that the Amir acted as a friend and ally. By the Anglo-Russian convention of August, 1907, Russia declared Afghanistan outside the Russian sphere of influence, and engaged to conduct all her political relations with Afghanistan through Great Britain, and that Great Britain and Russia should enjoy equality of commercial facilities.

Production and Industry and Commerce.—Most of the people are industrious cultivators, and the country has become fairly settled, peaceful and prosperous. There is excellent irrigation and all profitable soil is utilized. There are generally two crops a year, one of wheat (the staple food), barley, or lentils; the other of rice, millet, maize and *dal*, while the country is rich in fruits. Sheep and transport animals are bred. The manufactures include silk, woolen and hair cloths, and carpets. Salt, silver, copper, coal, iron, lead, rubies and gold are found. The exports to India are mainly fruits and nuts, raw wool, and *ghi;* while the imports therefrom are chiefly cotton yarn and piece goods, metals, leather goods, tea and sugar. The Afghan customs duties are heavy. There is a large export of wool to Persia and Russia, cotton and silk goods, sugar, etc., being taken in exchange.

Transportation.—The roads are generally unsuitable for wheeled traffic, but are being improved. Goods are conveyed by pack-animals. The chief trade routes to India are the Khaibar Pass, from Kabul to Peshawar (191 miles), along which a motor service has been established by the Amir, and the road from Kandahar to Quetta (125 miles). The Sind-Pishin railway terminates at Chaman, on the frontier, 65 miles from Kandahar, from which a fine road of 318 miles runs to Kabul.

Towns.—Capital, Kabul, (about 180,000). The chief commercial center is Kandahar (40,000). (See also Asia.)

Afognak Island (in Gulf of Alaska, separated from Alaskan Peninsula by Shelikof Strait), lands in, set apart as public reservation by proclamation, 5795.

Africa.—The area of Africa is 12 million square miles, about three times that of Europe. Its extreme longitudes are 17° W. at Cape Verde and 51° E. at Cape Guardafui. The extreme latitudes are Cape Blanco in 37° N. and Cape Agulhas in 35° S., at a distance of about 5,000 miles. It is surrounded by seas on all sides, except in the narrow isthmus through which is cut the Suez Canal, and may be considered as a great peninsula of the Eurasian continent.

The area and estimated population of Africa, according to its political subdivisions, are as follows:

	Sq. Miles	*Population*
British, including Egypt and Sudan..	4,209,000	57,900,000
French, including Morocco	4,946,000	42,607,000
Belgian	929,000	15,500,000
Portuguese	794,000	8,245,000
Italian	591,000	1,378,000
Spanish	85,000	236,000
Independent	415,000	9,250,000

Islands adjacent to the continent of Africa, with their area and population and the governments to which they belong, are as follows:

	Sq. Miles	*Populat'n*
Ascension, British.....	34	250
Azores, Portuguese.....	922	243,000
Canary Islands, Spanish	2,808	500,000
Cape Verde Islands, Portuguese	1,500	150,000
Comoro Islands, French	790	97,500
Fernando Po and adjacent islands, Spanish	815	25,000
Jerba and Kerkenna Islands, French	475	60,000
Madagascar, French....	228,000	3,545,000
Madeira, Portuguese....	314	170,000
Mafia, British.....	150	Unknown
Mauritius, British.....	720	385,000
Pemba, British.....	380	85,000
Réunion, French.....	970	160,000
Rodriguez, British.....	40	6,000
St. Helena, British....	47	3,500
São Thomé and Principé, Portuguese.....	360	65,000
Seychelles and adjacent islands, British.....	156	25,000
Zanzibar, British.....	640	115,000

Physical Features.—Africa is broadly a tableland with few mountain ranges,

except the Atlas, though isolated peaks rise to a considerable elevation in Abyssinia, in East Africa (Kenya, Kilimanjaro and Ruwenzori), and in West Africa (Kamerun Peak). If an irregular line is drawn from a point on the West Coast, a little south of the Equator, to a point near the middle of the Red Sea, Africa can be divided into two nearly equal parts which differ considerably in character. The northwestern part comprises two regions of comparative lowland separated by the Atlas and the plateaus of Tibesti and Tasili. The southeastern part consists of great masses of highlands and plateaus broken up by river valleys. The rivers of Africa drain into the Atlantic, the Mediterranean, and the Indian Ocean. Both the Senegal and Gambia are navigable for some distance in the rainy season. The most important river which flows into the Gulf of Guinea is the Niger. The Congo rises in the plateau southwest of Lake Tanganyika. From Stanley Falls to Stanley Pool, a broad, navigable river flows for 1,000 miles. As these are themselves great rivers, an enormous amount of water is carried down to the mouth. Owing to the depth of the ocean, the sediment deposited does not reach the surface in the form of a delta, but forms submarine ridges 5,000 feet in height for over 300 miles on each side of its ocean channel. The Orange River rises in the Drakensberg Mountains not far from the East Coast and receives the Vaal and other large rivers. The Nile rises in the south of Victoria Nyanza, the largest lake in Africa, of about the area of Scotland, and breaks through the plateau to the north by the Murchison Falls into the Albert Nyanza, some 1,600 feet below the level of the larger lake. Owing to the flat character of the country and the large amount of water which has no sufficient outlet, an extensive swamp vegetation, the "sudd," has been formed in this part of its course. At Khartum it receives the Blue Nile, which, with the other Abyssinian rivers, is largely the source of the Nile floods, due to the monsoon rains of the Abyssinian Plateau, and further north the Atbara, which brings down the alluvium which has helped to fertilize Egypt. From this point it receives no permanent tributaries and navigation is hindered by six cataracts, of which the first is at Assuan. The extensive delta formed north of Cairo, where the Nile leaves its long narrow valley, is the most fertile area in North Africa. Between the Nile and Tunis the Sahara reaches the Mediterranean and there are no permanent streams. The Sahara is partly occupied by plateaus and mountains and partly by steppes and deserts which contain oases. Africa is cut by the Equator nearly halfway between its extreme points, so that rather more than three-quarters of the continent lies within the Tropics and receives the sun's rays vertically at least once a year. Except on the more lofty mountains, Africa has no areas with cold winters, where the temperature is 32° F. or less for one month, or cool summers, which are less than 50° F. in any month. It is, therefore, typical generally of tropical rather than temperate conditions, in which there is no resting season for vegetation, except in consequence of want of rain.

Ethnography.—Four main groups of native races may be distinguished in Africa, the Semitic and Hamitic, belonging to the Caucasic type in the north, the Negro, and the Hottentot and Bushmen in the south.

Political Divisions.—Because of the comparative backwardness of the civilization of Africa most of that continent has been occupied by European nations; and the only independent nations there at present are Abyssinia and Liberia. Egypt and Morocco are theoretically independent, but in actuality the former, along with Anglo-Egyptian Sudan, is controlled by Great Britain and the latter by France and Spain. The Union of South Africa, although nominally a part of the British Empire, enjoys self-government nearly corresponding to independence.

The Powers with the most extensive possessions in Africa are Great Britain and France. Each of them has a solid block of territory, with certain non-contiguous colonies. The solid block of British territory extends from the Mediterranean to the Cape of Good Hope. Roughly, it takes in the southern end of the continent, then swings northwestward to the east coast along the Indian Ocean and then proceeds almost due north through the Sudan and Egypt. The great solid block of French territory lies in the northwest of Africa. Its centre is the Sahara Desert, with Algeria on the north, a number of colonies comprising French West Africa along the Atlantic seaboard, and cutting through the centre of Africa, between Nigeria and Belgian Congo (French Equatorial Africa) to extend along the Atlantic below the equator.

BRITISH POSSESSIONS comprise the Union of South Africa and Southwest Africa, held by it under mandate of the League of Nations, Bechuanaland, Basutoland, Rhodesia, Swaziland, Nyasaland, Tanganyika (under mandate), Uganda, British Kamerun (under mandate), Kenya, Egypt and Anglo-Egyptian Sudan, Gambia, British Togoland (under mandate), Sierra Leone, Gold Coast, Nigeria, Somaliland and the islands mentioned above.

Southwest Africa is the former German Southwest Africa, captured by British South African forces during the World War and assigned by the League of Nations to the Union of South Africa under a mandate. It lies between Angola on the north and the Union of South Africa (Cape Province) on the south and between the Atlantic on the west and Rhodesia on the east. It was acquired by Germany in the last two decades of the nineteenth century. The protectorate, with an area of 322,400 square miles, is largely barren, with a population of only 190,000 natives, mostly in the north, and 20,000 Europeans. The capital is Windhuk. The output of the diamond mines is valuable, and copper, tin and marble also are worked. Southwest Africa is essentially a stock-raising country and there is practically no agriculture.

Bechuanaland lies east of Southwest Africa, between the Molopo River on the south and the Zambesi on the north. Its area is about 275,000 square miles, with a population of some 130,000 natives and 5,000 Europeans. The territory was declared within the British sphere in 1885. The country is used chiefly for grazing, the aridity preventing much agriculture. Maize and kaffir corn, however, are raised to a slight extent. The telegraph and railroad proceeding northward from the Cape of Good Hope traverse the colony.

Basutoland is a plateau northeast of the Cape of Good Hope Province of the Union of South Africa, with an area of 11,716 square miles and a population of some 425,000 natives and 3,000 Europeans. It was brought under the British Crown in 1884. Much grain is raised, and the excellent grasses have led to much cattle-raising also. Recent foreign trade has been above $5,000,000 annually. The capital is Maseru.

Swaziland is at the southeastern corner of the Transvaal. It has an area of 6,678 square miles and a population of about 105,000, of whom about 2,000 are Europeans. There is much grazing of cattle, especially in the winter. The staple agricultural product is maize, but other crops also are grown in small quantities. Tin is the only mineral mined.

Tanganyika Territory is the former German East Africa, acquired by Germany in 1885-1890, occupied by Allied troops in 1915-1918 and administered by the British Empire under mandate from the League of Nations after the World War, with a section of the western border administered by Belgium. The area is about 365,000 square miles and the population, around 3,500,000. The country is fertile and there is much agriculture as well as cattle-raising. There are a number of plantations of cocoa-palms, coffee, caoutchouc, sugar and cotton. Sisal and other fibre plants also are cultivated. There are several railroads, and good potential harbors along the coast. The forests are especially valuable. There have been found many traces of mineral deposits and valuable stones, especially garnets. In a recent year, the foreign trade amounted to more than $12,000,000, the chief exports in order of value being sisal, hides, coffee, copra, grain and cotton. The capital is Dar-es-Salaam.

Kenya Colony is the former East Africa Protectorate, and includes a strip of land leased from the Sultan of Zanzibar. The area is about 246,000 square miles, and the population, about 2,800,000. Mombasa, the largest town, with a population of 30,000, has an excellent harbor. The capital is Nairobi (15,000). The agricultural products of the lowlands are chiefly tropical, including rice, maize, cocoanuts, and in the highlands practically all crops of the temperate zones are grown. Sisal hemp, rubber and cotton are cultivated. The area under wheat and maize is rapidly extending and there are many coffee plantations. Ostrich farming is an established industry and dairying is a profitable concomitant of the stock-raising. The forests, especially in the highlands, are very valuable, but few minerals have been found. There are more than 600 miles of railway and 3,500 miles of telegraph, and the colony is well provided with roads. In a recent year, the foreign trade, including that of Uganda and the Congo, was valued at more than $30,000,000, the chief export being cotton (chiefly from Uganda), followed by coffee, carbonate of soda and fibres.

Gambia fell under British control in the latter part of the eighteenth century. It has an area of 4,134 square miles, with a population of 250,000. Capital, Bathurst. In a recent year, the foreign trade, including specie, was valued at more than $8,500,000. The principal export is ground nuts.

Nigeria, formerly owned by the Royal Niger Company, was declared under British protection in 1884-7, and taken over by the Crown in the following years. Lagos is the capital, the whole territory being divided into the Northern and the Southern Provinces. The total area is about 332,000 square miles, with a population of some 17,500,000. The chief products are palm-oil and -kernels, rubber, ground-nuts, shea-butter, ivory, hides, live stock, ostrich feathers, capsicums, cotton, cocoa, coffee. Tobacco is grown and there are rubber plantations. Mahogany is exported. The deposits of tin are very valuable and iron, lead and coal also are worked. There are about 1,200 miles of railway, several thousand miles of telegraph, about 150 post-offices. There are a number of ports, and the many navigable streams form the chief method of transport, although much of the considerable trade in the north is done by means of caravans. In a recent year the foreign trade, including specie, was valued at more than $125,000,000, the chief exports, in order of value, being palm-kernels and -oil, tin ore, hides and skins, cocoa, ground-nuts and raw cotton.

Somaliland or *Somali Coast* was administered by the Government of India after 1884, when Egyptian control ceased. The area is about 68,000 square miles and the population, chiefly Mohammedan and nomadic, about 300,000. The chief town is Berbera, with a population of about 30,000. In a recent year, the foreign trade amounted to about $3,500,000, the chief exports being hides and skins, gum and resin, and sheep and cattle.

Zanzibar was declared a British protectorate in 1890. The chief industry is the clove, of which Zanzibar and Pemba furnish most of the world's supply, followed by the cocoanut and the copra. In a recent year, the foreign trade, including bullion and specie, was valued at slightly more than $20,000,000.

British Togoland represents the western third of the former German colony of Togoland, acquired by Germany in 1884 and occupied by the Allies in the World War. It has an area of about 12,500 square miles and a population of about 300,000. Economic conditions are similar to those of French Togoland (see below).

British Kamerun is a western strip of Kamerun, held by mandate of the League of Nations. The area is about 30,000 square miles and the population, about 400,000. Chief exports—palm products, rubber, ivory, cocoa.

Nyasaland lies between Northern Rhodesia and Lake Nyasa, whence it extends toward the Zambesi. It has an area of 39,573 square miles and an estimated population of some 1,200,000. There is much cultivation and exportation of coffee, tobacco, cotton and tea. There is also much cattle-raising. In a recent year, exclusive of specie and transit trade, the exports were valued at $2,000,000 and the imports at $2,500,000. There is a railroad about 200 miles long, and a telegraph line connecting with Cape Town northward to Tanganyika passes through the protectorate.

For the other British possessions, see the articles on

Egypt. Sierra Leone.
Gold Coast. Sudan.
Mauritius. Uganda.
Rhodesia. Union of South Africa.
St. Helena.

FRENCH POSSESSIONS. — The French possessions in Africa comprise Algeria, Tunis, Morocco, French Equatorial Africa, French Togoland (under mandate from the League of Nations), French Somali Coast, French West Africa and the Sahara, Madagascar and the other islands mentioned above, and Kamerun (under mandate from the League of Nations).

Kamerun became a German protectorate in 1884. In 1911, it was increased by 107,270 square miles ceded by France from French Congo as a result of German concessions to France in Morocco. During the World War, it was occupied by French and British troops and after the war given to France under a mandate from the League of Nations, with the exception of a strip along the northern boundary mandated to Great Britain, about 30,000 square miles in area. The area of French Kamerun is 273,759 square miles, with a population estimated at 3,500,000. In a recent year, the foreign trade amounted to about $4,000,000. The principal products and exports are coffee, tobacco, palm-oil, ivory, cacao, rubber. There are about 360 miles of railway and almost as many of good roads. The chief town is Duala.

Ivory Coast was claimed by France as early as 1843, but was not occupied until 1883. It has an area of about 122,000 square miles and a population of some 1,400,000. The natives grow maize, rice and fruits and Europeans cultivate coffee and cocoa plantations. Rubber and mahogany also are collected. In a recent year, the foreign trade was valued at about $10,000,000, the chief exports in order of value being palm-oil and -kernels, mahogany, cocoa, rubber and coffee.

French Sudan is composed of the larger part of the territory formerly known as Upper Senegal-Niger. It has an area of about 617,600 square miles and a population of 2,200,000. The chief agricultural products are ground-nuts, rubber, gum, maize, millet, rice and cotton. There is much cattle-raising.

Upper Volta Colony is the southern section of the former Upper Senegal-Niger territory. It has an area of about 154,400 square miles and a population of about 3,000,000.

Mauritania lies to the northwest of the Sahara Desert, with an area of about 345,000 square miles and a population of 255,000, chiefly Moorish Mussulmans.

French Togoland represents about two-thirds of the former German colony of Togoland, acquired by Germany in 1884 and occupied by Allied forces during the World War. The western third, adjoining the Gold Coast, was assigned to Great Britain. The French territory has an area of 20,072 square miles and a population of 750,000. The climate is moist and unhealthful, but there are rich deposits of iron ore and other minerals. The chief exports are cocoa, copra and palm-oil products, but in addition the natives raise a little maize and rice and there are a few small tobacco, rubber and coffee plantations.

For the other French possessions, consult the articles on—

Algeria. Madagascar.
Dahomey. Morocco.
French Equatorial Africa. Senegal.
French Guinea. Tunis.
French Somali Coast.
French West Africa.

BELGIAN POSSESSIONS comprise the large stretch of territory known as Belgian Congo and in addition a southwestern portion of the former German territory of German East Africa, administered under mandate from the League of Nations. (See Tanganyika, *above,* Congo Free State and Belgium.)

PORTUGUESE POSSESSIONS comprise Angola (Portuguese West Africa), Mozambique (Portuguese East Africa), Portuguese Guinea and the islands mentioned above.

Angola has belonged to the Portuguese since 1575. It has an area of about 485,000 square miles and a population of some 2,200,000. In a recent year, the foreign trade was valued at about $20,000,000. The chief exports are coffee, rubber and dried fish, but there is also trade in oils, wax, cocoanuts, ivory. Tobacco and cotton also are grown, and asphalt and petroleum are worked. There are other valuable mineral deposits.

For the other possessions, see Portugal.

SPANISH POSSESSIONS comprise Rio de Oro, Spanish Guinea, Spanish Morocco and the islands mentioned above. (See Spain and Morocco.)

ITALIAN POSSESSIONS comprise Eritrea, Italian Somaliland, Tripoli and Cyrenaica (Libia). (See the articles under these headings.)

INDEPENDENT NATIONS are Abyssinia and Liberia (q.v.).

Africa:
Agents sent to, to receive slaves taken from vessels, 633.
Citizens of United States must not violate rights of inhabitants of, 396.
German colonies in, mandatory system for, 8679.
Natives of, in slavery. (See African Slave Trade.)
Naval force of United States stationed on coast of, referred to, 2173, 3071.
Repressing liquor trade in, suggestions made by Belgium, 6363, 6425.
Slavery on coast of, 4160.
Vessels of United States seized on coast of, 1857, 3017.

Africa, The, attempted seizure of Mr. Fauchet by commander of, 3344.

African Slave Trade.—Prior to the discovery of America, negroes, like other savage races, either enslaved or put to death the captives taken in war. The deportation of the captives to the mines and plantations of the New World increased the value of the African and made slavery rather than death the prisoner's fate. This disposition

of captives also led many petty chiefs to wage war for the prospective gain in human chattels. The aborigines of America having proved too weak for the work required of them, the Portuguese, who possessed a large part of the African coast, began the exportation of negroes, in which they were imitated by other nations of the Old World. Sir John Hawkins was the first Englishman to engage in slave traffic. The first importation of negro slaves was authorized in 1517. Extreme cruelty and inhuman treatment characterized their transportation. They were landed at Haiti and Santo Domingo and placed in the mines. In 1619 a Dutch vessel brought a cargo of slaves into the James River. Twenty negroes were sold to Virginia settlers. In 1713, by the treaty of Utrecht, Great Britain obtained the contract for supplying slaves to the Spanish West Indies. This stimulated the slave trade generally. Several of the Colonies attempted to prohibit the importation of slaves, but Great Britain forced the trade upon them. Virginia passed several acts forbidding the traffic, but they were vetoed by the British Government, as were also those passed by Pennsylvania in 1712, 1714, and 1717, and by Massachusetts in 1774.

Slavery was prohibited by Rhode Island and Connecticut in 1774, and by all the Colonies under the non-importation covenant of Oct. 24, 1774, and forbidden by nearly all the States during the Revolution. The slave-trade question was an important one in the formation of the Constitution. The Southern States, except Virginia and Maryland, insisted that no restriction should be imposed upon the traffic.

A compromise was finally effected allowing Congress to prohibit it after 1808. The act of March 22, 1794, prohibited the carrying of slaves from one foreign country to another by American citizens; that of May 10, 1800, allowed United States war ships to seize vessels engaged in such traffic; that of Feb. 28, 1803, prohibited the introduction of slaves into States which had forbidden slavery. In 1808 the importation of slaves into the United States was forbidden. The acts of April 20, 1818, and March 3, 1819, authorized the President to send cruisers to the coast of Africa to stop the slave trade. As no restrictions were ever placed upon domestic slave trading before its abolition in 1865, the surreptitious trade in imported slaves was not entirely given up until that time.

African Slave Trade. (See also Compromise of 1850; Kansas-Nebraska Act; Missouri Compromise; Negroes; Slavery.)
Abuses of United States flag referred to, 2134.
Act for suppression of, referred to, 5621.
Agents sent to Africa to receive slaves, 663.
American citizens engaged in, 2215.
Information regarding, requested, 2907.
Cargo of African negroes—
Captured on coast of Cuba, and return of to Africa, discussed, 3058, 3124, 3126.
Landed on coast of Georgia, referred to, 3065, 3069, 3086.
Stranded on coast of Florida, and removal of, discussed, 967.
Ceased in United States, 3779.
Correspondence regarding—
Referred to, 2268, 2287, 2426, 2428, 2538, 2765.
Surrender of slaves to United States consul referred to, 1944.
Discussed by President—
Adams, J. Q., 875, 967.
Buchanan, 3086, 3124, 3126, 3180.
Lincoln, 3254.
Madison, 470, 562.
Monroe, 583, 631, 783, 812, 819.
Taylor, 2553.
Tyler, 2215.
Van Buren, 1836.
Excluded from use of United States flag, 875.
Foreign slave traders discussed, 3446.
International congress at Brussels for abolition of, 5471, 5543, 6363.
Interpretation given act prohibiting, 632.
Laws for suppression of—
Amendments recommended, 2553.
Should be more severe, 1903, 1931.
Liberation of slaves by authorities of Nassau, New Providence, 2064.
Proposition to Great Britain to abolish mixed courts created for suppression of, 3989.
Treaty regarding, 4055.
Punishment for engaging in, should be same as for piracy, 779, 812.
Referred to, 1755, 2064, 2173, 2202, 2219, 2268, 2587, 2630, 3015, 3071, 3121, 3185, 3413.
Removal of negroes—
Captured by American vessels, to Liberia, recommended, 3058, 3124.
Captured on coast of Cuba, 3058, 3124, 3126.
Stranded on coast of Florida recommended, 967.
Seizure of slaves on board the *Encomium* and *Enterprise*, 1499.
Suppression of and suggestions that Great Britain be asked to discontinue the naval force maintained for its suppression, 3779.
Desired by Government, 631, 1836, 1930, 2082, 2215, 3086, 3254.
But interpolations into maritime code not permitted, 1930.
Referred to, 649, 650, 651, 678, 827, 958, 1857, 2048, 2082, 2553, 3180.
Squadron kept on coast of Africa for, 2173.
Treaty between five powers of Europe for, 2011.
Inquiry of Senate respecting, and reply of President, 2068.
Protest of American minister to France regarding, 2011, 2048, 2297.
Treaty with Great Britain regarding, referred to, 810, 812, 819,

886, 2016, 2048, 2071, 2082, 3272, 3281, 3328, 3366, 3380, 4017.
Vessels transporting slaves should be seized, 632, 783.

African Squadron, instruction to commanding officers of, referred to, 2173, 3071.

Agitator.—A person who, either by speech or action, endeavors to change existing conditions. The term may be employed in a complimentary sense as synonomous with "reformer" (q. v.), but is often restricted to a person who endeavors to disturb conditions from ulterior or anti-constructive motives.

Agitators denounced by President—
Roosevelt, 7033.
Wilson, 8814.

Agricultural Census recommended, 5982.

Agricultural Colleges and Experiment Stations. (See Agriculture, Department of.)

Agricultural Credits. (See Agriculture.)

Agricultural Implements.—From the earliest times and in all countries until the beginning of the Nineteenth century agriculture was distinctly manual labor. Horses and oxen were used for plowing and harrowing, but the labor of planting, cultivating and harvesting was all performed by hand. Grain was sown broadcast by hand, cut with a sickle, gathered with a fork and thrashed out on the barn floor with a club. Corn was cultivated with a hoe and its husking was made a social event of rural communities. By these primitive methods the farmer was unable to produce much of a surplus to exchange for the fabrics of the cities or for export. The only part of America where farming proved a commercial success was in the South, where slave labor was employed in the cultivation of cotton and tobacco. The invention of the cotton gin, though not strictly a farm implement, made a commercial crop of a plant theretofore of only ordinary domestic value.

From the first turning of the soil to the gathering of the crops American inventive genius has lightened the labor and increased the profits of agriculture so that the farmers today enjoy a greater amount of comfort and wealth than any other class of citizens.

Prior to 1850 the manufacture of agricultural implements could hardly be considered as more than a hand trade, and in no sense as a factory industry, as the term is at present understood. Ideas had been evolved, and, on a small scale, executed, which contained much that the improved processes and facilities of the latter part of the century brought to complete fruition. Implements were made in small shops with an average capital of $2,674 per establishment. The evolution of the manufacture from the small shops of the blacksmith and wheelwright to the immense establishments of the present day embodies all the phases of the development of the modern factory system. In a large western plant 600 men, by the aid of machinery, do the work that, without machinery would require 2,145 men.

The McCormick reaper was first put on the market as a successful machine for the harvest of 1845. In 1847 the exports of wheat and flour jumped to $32,178,161, about five times the average of the preceding forty years, and increased rapidly to 1860. The wheat crop, which had not kept pace with the growth of population from 1839 to 1849, gained more than 70 per cent in the decade between 1849 and 1859, and from a total crop of 84,823,272 bushels in 1845 increased to nearly a billion bushels in 1915. Cyrus H. McCormick inherited the idea of making a grain reaper from his father, who had patented an imperfect revolving scythe in 1816. The essential elements which made the reaper finally successful were the reel, the divider, the reciprocating knife, and the platform. Later a self-raking attachment took the place of the man who had raked the grain by hand from the platform.

The Marsh harvesting machine had toothed belts which carried the grain from the platform over the master wheel to two men who stood on a footboard and bound the sheaves on tables attached to the machine. By 1875 twine binding attachments had been patented.

The automatic self binder, invented by John F. Appleby, seems to have been the culminating improvement made in grain harvesting machines, and is used in one form or another as an attachment to the harvester to bind by far the largest part of the grain harvested in this and other countries. Now a million binders are in use on American farms and a large export business has grown up. Through the use of American harvesting machines Argentina, Australia and Russia have become large exporters of wheat, and single cargoes shipped to Europe contain more of these machines than the entire output of any European manufacturer in this line. In Kansas, Nebraska and other Western States, headers are used, which cut off the stalk just below the head, elevate the wheat into a wagon ready to be hauled to the thrasher, and leave the straw standing. In California, Oregon and Washington the combined harvester carries a thrashing attachment, which is operated by the traction wheel, so that a wide swath is cut and thrashed and delivered in bags as the machine is drawn across the field by horses or a traction engine.

The mowing machine, the corn planter and the two-horse cultivator, distinctively American inventions, have served the same purpose in promoting the production of corn and hay as the reaper in the cereal fields. Farmers were unable to produce live stock, poultry and dairy products on a commercial scale until they had labor saving machinery for the cheap production of hay and corn.

The principal steps in the development of the harvesting machine are recorded in the Patent Office as follows:

Reapers—Harvester, handraker, 1855; self-raker, 1856; dropper, 1861; adjustable switch reel rakes, 1865, 1875, 1879 and 1884.

Harvester Binders—Cord knotter, 1853; wire twister, 1856; straw braid twister, 1857; gleaner and binder, 1862; self-tripping cord knotter, 1867; wire twister, 1868; automatic trip, 1870; straw looper, 1870; vibrating binder, 1875; low-down binder, 1878; compressor automatic trip, 1879; low-down oblique delivery, 1884.

Bean and Clover Harvesters—Clover harvester, 1849; clover stripping drum harvester, 1854; clover head cutter and breaker, 1856; bean stalk cutter and bundler, 1859; clover spiral drum harvester, 1861; bean underground cutter,

1865; clover head stripper, 1877; bean stalk puller, 1879.

Corn Harvesters—Cutter, 1844; ear stripper, 1850; ear stripper, husker and sheller, 1850; cutter and shocker, 1852, 1854, 1856; high and low cutter, 1859; cutter and shocker, 1866; picker and husker, 1867; picker, husker and shocker, 1869; cutter, husker and shocker, 1875.

Cotton Harvesters — Toothed picking disks and cylinders, 1850; hand picker, 1855; brush stripper, 1859; exhaust flexible pipe, 1859; fan blower, 1868; saw and stripper brush, 1870; electric belt, 1870; picker stem, 1872; toothed cylinder, 1874, 1883; revolving picker stems, 1878, 1901.

Hemp and Flax Harvesters—Revolving pulling drum and band, 1838; roller, 1852; reciprocating, pulling jaw, 1863; stalk puller, 1866; side delivery, 1870, 1871; stalk cutter, 1872.

Combined Reapers and Thrashers—Reaper and thrasher, 1836; thrasher, separator and sacker, 1846; head cutter and side deliverer, 1849; harvester and thrasher, 1877; steam harvester, 1879; header, thrasher and separator, 1883.

Horse Rakes—Flopover, 1822; spring tooth, 1839; dumping sulky, 1848; draft dumping, 1850; self dumping, 1852; spring tooth self dumping, 1856; draft dumping, 1856, 1859, 1866, 1876, 1884; drag dumping, 1866, 1870.

Horse Hay Forks—Spiral fork, 1867; harpoon, 1867, 1884, 1881; tilting, 1870; grapple, 1880; handfork, 1882.

Hay Rackers and Loaders—1848, 1850, 1858, 1860, 1861, 1864, 1865, 1867, 1868, 1870, 1876, 1883.

Hay Tedders—1855, 1861, 1862, 1865, 1867, 1870, 1883.

Next to harvesting machines the thrashing machine is the most important feature of the equipment of modern agriculture. The "ground hog" thrasher came into use early in the nineteenth century. Thrashing mills, with fanning and screening devices, were set up in England in 1800, but these were stationed at some central point, and the grain had to be hauled to them. The first portable thrashing machine with cleaning devices was made by Hiram A. and John A. Pitts, of Winthrop, Me., in 1830, and George Westinghouse began making thrashing machines in Fonda, N. Y., about 1840. He later removed to Schenectady, N. Y., and patented a number of useful improvements in separating and cleaning devices. A notable improvement is the "wind stacker," by which the straw is blown by a revolving fan through a large steel pipe to the straw stack, thus saving the labor of several men. Automatic band cutting and feeding attachments and automatic grain weighers have also come into general use, and traction engines to replace horses in the field have gained new impetus from the use of the internal combustion engine and wider knowledge of the auto truck.

The grain drill is a recent implement of economy on the farm. The first patent for a force feed grain drill was issued to Foster, Jessup & Brown, of Palmyra, N. Y., in 1851, and their general use came with the use of commercial fertilizer.

The first patent on a practical corn planter was issued to George W. Brown, of Illinois, in 1853, and improved by George D. Haworth, of the same State.

Corn cultivators are made in a great variety of forms, but the essential feature of all is an arched axle which straddles the row, is drawn by two horses, and has two gangs, or frames, one on each side of the row, which swing freely under direction of the operator, who may ride or walk. Corn binders and pickers are also manufactured, as well as portable huskers and fodder shredders. Power corn shellers have been in use since 1860, and are indispensable wherever corn is grown for shipment to market. The first successful machine of this type was invented by Augustus Adams, of Sandwich, Ill.

The plow in primitive form antedates history, and, while it appears to be a simple implement, the improved American plow of today is the product of slow evolution, careful study and much mechanical skill. Efforts at improvement have been largely directed toward establishing upon a mathematical basis the proper lines of the moldboard which raises and turns the furrow slice. President Thomas Jefferson published his views on this subject in 1798. Jethro Wood, of Scipio, N. Y., took out a patent in 1819 for a plow with a moldboard in three separate pieces, so they could be replaced by new parts when worn.

Among the names that will ever be associated with the plow in America are John Deere, pioneer inventor and manufacturer, whose establishment at Moline, Ill., supplied the West for many years, and James Oliver, whose perfection of the chilled steel plowshare was an important step in advanced manufacture.

The history of steam plowing dates from the inventions of Fowler and Smith in 1854. The plows are in gangs of twelve to eighteen and are drawn by traction engines of from 40 to 80 horsepower.

Machinery for shelling, sorting, sifting or grading according to size the various vegetable and root crops forms an extensive industry in itself.

Agricultural implements in general are divided into four groups—those of cultivation, seeding and planting, harvesting, and seed separating. These groups in turn are subdivided into numerous classes, as indicated in the accompanying table. At the census of 1849, 1,333 establishments were reported as engaged in the manufacture of agricultural implements, the number of hands employed being 7,220, and the value of their products amounted to $6,842,611. In 1869 the number of factories had increased to 2,076. These were comparatively small establishments, their aggregate capital amounting to only $34,834,600, and their output being valued at little more than $52,000,000. In 1909 through combining shops and capital the number of establishments had fallen to 640, the capital had increased to $256,281,086, and the value of the output to $146,329,268.

Of the 772 establishments engaged in the industry in 1914, 86 were located in Illinois, 67 in Ohio, 61 in Wisconsin, 58 in New York, 49 in Pennsylvania, 45 in California, 42 in Indiana, 40 each in Iowa and Michigan, 35 in Minnesota, 27 in Missouri, 25 in Tennessee, 22 each in North Carolina and Virginia, 18 in Georgia, 14 in Vermont, 12 in Kansas, 11 in Maine, 10 each in Alabama and New Jersey, 7 each in Kentucky, Massachusetts, Nebraska, and Washington, 6 each in Connecticut and Mississippi, 5 in Texas, 4 in Colorado, 3 each in Arkansas, Florida, Maryland, New Hampshire, Oregon, South Carolina, and South Dakota, 2 each in Idaho, Oklahoma, and West Virginia, and 1 each in Louisiana and Montana.

The latest statistics are summarized in the following table:

Number of establishments	772
Total value of products	$168,120,632
Implements of cultivation	39,632,903
Planters and seeders	12,268,156
Harvesting implements	40,561,472
Seed separators	13,986,184
All other products, including parts for all classes of agricultural implements	60,211,327
Amount received for repair work	1,460,590

IMPLEMENTS OF CULTIVATION

Cultivators—		Land Rollers	22,942
Beet	2,184	Listers	37,953
Small (horse and hand)	495,407	Plows—	
Wheeled	382,189	Disk	15,830
Cotton Scrapers	17,537	Gang	75,839
Fertilizing Machines	185,990	Shovel	181,802
Harrows—		Engine	3,285
Disk	212,133	Sulky (single)	108,248
Spring-tooth	188,247	Walking	913,385
Spike-tooth	382,141	Pulverizers	12,795
		Other	80,269

PLANTERS AND SEEDERS

Seeders (broadcast and wagon or endgate) and seeder attachments	61,954	Cotton planters	101,256
		Potato planters	37,276
		Drills	199,805
		Seed Sowers, hand, field	12,608
Corn planters—		Other planters or seeders	4,124
Hand	102,850		
Horse	115,053		

HARVESTING IMPLEMENTS

Grain cradles	38,821	Hay loaders	29,059
Harvesters—		Hayrakes, horse	185,081
Bean	3,605	Hay stackers	7,567
Corn	52,087	Hay tedders	9,796
Grain	215,386	Mowers	274,521
Harvesters and thrashers combined	284	Other haying tools	42,344
		Potato diggers, horse	25,923
Other	2,758	Reapers	56,982
Hay carriers	69,199	Other	13,774
Hayforks, horse	75,202		

SEED SEPARATORS

Clover hullers	1,166	Power	12,075
Corn huskers	453	Fanning mills	27,504
Corn huskers and shredders	4,338	Thrashers—	
		Horsepower	302
Corn Shellers—		Engine	13,386
Hand	74,405	Other	7,174

Agricultural Implements Industry licensed, 8499.

Agricultural Products.—The agricultural products of the United States are so diversified that it would be useless to attempt to describe all in a single article or even in an ordinary sized volume. The Department of Agriculture publishes annual reports covering the field in general and frequent special reports and bulletins on agricultural products.

The *annual averages* for the last ten years of the exports of our leading agricultural products have been as follows: *Wheat,* including flour, 209,478,011 bushels. *Rye,* including flour, 19,973,122 bushels. *Corn,* including meal and flour, 36,128,497 bushels. *Cotton,* 7,420,172 bales. *Oats,* oatmeal, etc., 52,902,738 bushels. *Tobacco,* leaf, 448,580,202 lbs. (See also Meat, Dairy Products and Commerce.)

The number of farms in the United States in 1900 was 5,737,372; in 1910, 6,361,502, an increase of 11%; in 1920, 6,419,998, an increase of 1½%.

For dairy products, see Dairying and Cattle Raising and Butter, Cheese and Condensed Milk.

FARM WEALTH

The following table shows the value of the crops and of the live stock produced on the farms of the United States in recent years:

Year	*Crop Value*	*Live Stock Value*
1879*	$2,212,541,000	
1889*	2,460,107,000	
1899	$ 2,998,704,000	$1,718,366,000
1905	4,012,653,000	2,261,344,000
1910	5,486,374,000	3,551,017,000
1915	6,907,187,000	3,868,304,000
1916	9,054,459,000	4,351,905,000
1917	13,479,000,000	5,852,000,000
1918	14,331,000,000	8,149,000,000
1919	16,013,000,000	8,948,000,000
1920	11,145,000,000	8,711,000,000

*Total of crop and live stock values.

The value of all farm property in the United States was shown by the census of 1920 as follows:

Land only	$54,903,453,925
Buildings	11,430,855,631
Implements and machinery	3,595,317,021
Live stock	7,996,362,496
Total value	$77,925,989,073

FARM ANIMALS, 1921

The number and value of the farm animals specified below were reported as follows by the Department of Agriculture for 1921:

Animals	*Number*	*Value*
Horses	20,183,000	$1,664,166,000
Mules	4,999,000	578,473,000
Milk cows	23,321,000	1,491,900,000
Oxen and other cattle	42,870,000	1,346,665,000
Sheep	45,067,000	288,732,000
Swine	66,649,000	865,633,000
Totals	203,089,000	$6,235,569,000

Wages of farm labor in the United States have increased as follows:

	By the Month		By the Day, Harvest	
Year	With Board	Without Board	With Board	Without Board
1866	$17.45	$26.87	$1.74	$2.20
1885	12.34	17.97	1.10	1.40
1899	14.07	20.23	1.12	1.37
1910	19.21	27.50	1.45	1.82
1914	21.05	29.88	1.55	1.91
1916	23.25	32.83	1.69	2.07
1918	34.92	48.80	2.65	3.22
1919	39.82	56.29	3.15	3.83
1920	46.89	64.95	3.60	4.36

Agricultural Products:
- Beet Sugar—
  - Culture of, 6865.
- Coffee—
  - Production of, 6731.
- Commerce with foreign countries in, 4973.
- Corn—
  - Commerce in, restrained by Great Britain, 138.
  - Introduction of products of, into Europe discussed, 5764.
- Cotton—
  - Captured and forfeited referred to, 3666.

PRODUCTION

The following table gives the production of the principal crops in the United States since the Civil War.

Years	Wheat	Corn	Hay	Oats	Barley	Rye
	Bushels	*Bushels*	*Sh. Tons*	*Bushels*	*Bushels*	*Bushels*
1866-75*....	244,672,300	969,947,600	24,938,400	272,992,800	26,992,300	18,266,600
1876-85*....	419,940,800	1,537,465,400	38,251,900	461,157,400	46,065,900	24,468,800
1886-95*....	467,046,809	1,738,427,277	54,528,250	678,538,722	71,090,394	26,804,860
1896-05*....	600,423,964	2,176,009,381	59,324,600	809,888,195	97,361,832	27,441,387
1906-10*....	681,251,994	2,767,404,618	65,816,800	944,039,504	168,677,097	32,785,567
1911-15*....	806,340,600	2,754,163,800	69,542,800	1,230,498,600	197,211,400	41,338,600
1917.....	636,655,000	3,065,233,000	83,308,000	1,592,740,000	211,759,000	62,933,000
1918.....	921,438,000	2,502,665,000	76,660,000	1,538,124,000	256,225,000	91,041,000
1919.....	968,279,000	2,816,318,000	86,359,000	1,184,030,000	147,608,000	75,542,000
1920.....	833,027,000	3,230,532,000	87,855,000	1,496,281,000	189,332,000	60,490,000
1921†.....	794,893,000	3,081,251,000	81,567,000	1,060,737,000	151,181,000	57,918,000

	Cotton	Sugar**	Potatoes	Tobacco	Apples	Sw. Potatoes
	Bales	*Sh. Tons*	*Bushels*	*Pounds*	*Bushels*	*Bushels*
1866-75*....	3,150,200	60,466	111,423,400	a262,735,000	.....	a21,710,000
1876-85*....	5,652,160	121,779	161,011,800	b472,661,000	.....	b33,379,000
1886-95*....	7,636,600	234,053	193,248,200	c488,257,000	c143,105,000	c43,950,000
1896-05*....	10,409,300	474,501	240,575,200	d868,113,000	180,907,600	d42,517,000
1906-10*....	11,847,400	979,847	322,902,400	851,559,200	154,596,400	54,856,600
1911-15*....	14,175,800	966,183	360,970,200	983,722,800	215,572,200	60,257,400
1917.....	11,302,000	1,011,047	442,108,000	1,249,276,000	166,749,000	83,822,000
1918.....	12,041,000	1,045,350	411,860,000	1,439,071,000	169,625,000	87,924,000
1919.....	11,421,000	848,576	322,867,000	1,465,481,000	142,086,000	78,091,913
1920.....	13,440,000	1,302,600	403,296,000	1,582,225,000	223,677,000	†112,368,000
1921†.....	8,340,000	.....	346,823,000	1,117,682,000	96,881,000	98,660,000

*Annual average for period. **Fiscal period beginning with years named. Beet and Cane.
a—1869, b—1879, c—1889, d—1899.
†Preliminary figures, subject to slight revision.

Commerce in, referred to, 4973.
Culture of, in—
African possessions of Portugal, 3864.
Brazil, 4711.
Discriminating duties on, from British North American colonies discussed, 996.
Duty on, Lord Aberdeen's letter regarding, 1134.
Persons engaged in bringing out, order regarding, 3439.
Exportation of, discussed, 5887, 5979, 6171.
Hay, exportation of, prohibited, 3476.
Order rescinding, 3532.
Referred to, 4800.
Rice—
Duties on, discussed and referred to, 1243, 1931, 2112, 2181, 2274, 2419.
Production of, in U. S., 6727, 6906.
Tobacco—
Duties on, in foreign ports, 1648, 1738, 1909, 2167, 2192, 2909, 3120.
Exportation of, to countries at peace with United States, orders regarding, 3379, 3434.
From Netherlands and Dutch colonies, tax on, discussed, 4979, 4986, 5088.
Growth, production, and trade of, referred to, 2133.
Internal tax on, removal of, recommended, 5474.
Trade with foreign countries to be promoted, 1588, 1713, 1822, 2167.
Referred to, 1806.
Value of annual production of, discussed, 5642, 5744, 5764, 5978.

Agriculture:
Advancement of, recommended, 58, 60, 61, 77, 78, 194, 197, 318, 361, 3776, 4457, 4530, 4947, 5112.
Credits for—
European system of, investigated, 7775, 7819, 7909.
Recommended and discussed, 7870, 7908, 8018, 8116.
Experiment stations discussed, 194, 197, 5384, 5980, 6347, 6733, 6905.
Prosperous state of, 95, 175, 240, 978, 1747.
Soil fertility, importance of conserving, 7462.
Southern states' problem of diversification in, 7537.
Stimulation of, needed, 8814, 8886.

Agriculture, Bureau of:
Appropriations for, recommended, 3996.
Discussed, 3334, 3452, 3564, 4066, 4106, 4364, 4645, 4947, 5112, 5383.
Employees in—
To participate in decoration of graves of soldiers, 4753, 4818, 4899, 5078, 5350.
To participate in dedication of Washington Monument, 4879.
To witness inauguration of President Cleveland, 4881.
Enlargement of facilities of, recommended, 4530.
Establishment of, 3334.

VALUE

The following table gives the value of our representative crops for significant years since the Civil War, as reported by the Year Book of the Department of Agriculture published in 1921:

Year	Wheat	Corn	Cotton	Oats	Potatoes	Hay
1866-75*....	$257,586,800	$454,534,800	.....	$102,422,700	$62,753,800	$286,820,800
1876-85*....	554,049,800	608,203,600	$243,808,000	149,629,700	82,085,400	348,552,900
1886-95*....	319,994,939	645,600,781	260,415,300	198,370,542	91,007,100	453,653,100
1896-05*....	413,644,212	842,033,359	411,575,700	229,555,517	116,276,200	471,463,500
1906-10*....	590,538,552	1,411,462,296	660,788,000	367,718,796	188,799,600	706,473,400
1911-15*....	705,889,600	1,644,511,000	709,629,400	471,131,000	219,136,600	826,282,000
1916.....	1,019,968,000	2,280,729,000	1,122,295,000	655,928,000	419,333,000	1,022,930,000
1917.....	1,278,112,000	3,920,228,000	1,566,198,000	1,061,474,000	542,774,000	1,423,766,000
1918.....	1,881,826,000	3,416,240,000	1,663,633,000	1,090,322,000	491,368,000	1,543,494,000
1919.....	2,009,407,000	3,851,741,000	2,034,658,000	880,296,000	571,368,000	1,846,083,000
1920.....	1,135,806,000	2,189,721,000	914,590,000	719,782,000	500,974,000	1,613,896,000

*Annual average for the period.

ACREAGE

The following table gives the number of acres devoted to our representative crops for some significant years since the Civil War as reported by the Year Book of the Department of Agriculture published in 1921.

Year	Wheat	Corn	Cotton	Oats	Potatoes	Hay
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
1866.....	15,424,000	34,307,000	7,599,000	8,864,000	1,069,000	17,669,000
1886.....	36,806,000	75,694,000	18,455,000	23,658,000	2,287,000	36,502,000
1906.....	47,306,000	96,738,000	31,374,000	30,959,000	3,013,000	42,476,000
1914.....	53,541,000	103,435,000	36,832,000	38,442,000	3,711,000	49,145,000
1920.....	57,192,000	104,601,000	36,383,000	43,323,000	3,929,000	57,915,000

Recommended, 2556, 2622, 2663, 2714, 3253.
Referred to, 4066, 4947.
Experiment stations, recommendations regarding, 5384, 5888, 5980.
Food adulteration discussed, 5384.
Seed distribution. (See Seed Distribution.)
Agriculture, Commissioner of:
Reply of, to Senate resolution regarding diseases prevailing among swine, 4435.
Reports of, referred to, 4158, 4364, 4428, 4432, 4462, 4578.

Agriculture, Department of.—This Department of the Executive Branch of the Government had its origin in the recommendation of Washington. As early as Dec. 7, 1796, in his eighth annual address (page 194) he said that "with reference either to individual or national welfare agriculture is of primary importance," and at the same time urged the importance of the "establishment of boards . . . charged with collecting and diffusing information, and enabled by premiums and small pecuniary aids to encourage and assist a spirit of discovery and improvement." The sentiments expressed by Washington were reiterated and enlarged upon by all or nearly all of his successors (pages 3776, 4457, 4530, 4947, 5112).

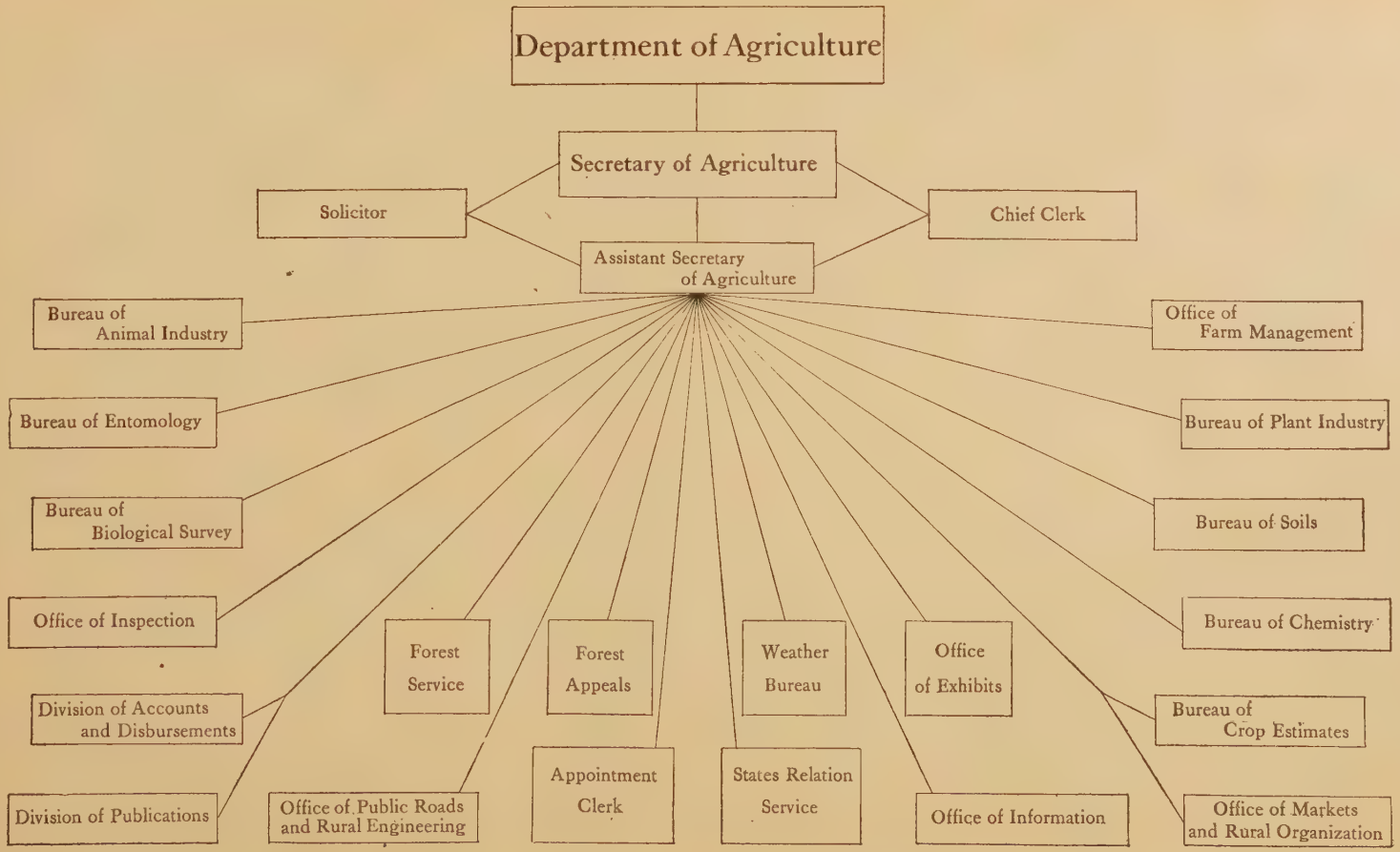
From the very beginning of the Government its foreign representatives had sent home seeds and cuttings of agricultural products to be tried in the United States, and in 1839 Congress made an appropriation of $1,000 for the distribution of material thus collected and for the publication of agricultural statistics. This work was entrusted to the Patent Office, which belonged to the Department of State until 1840, when the Department of the Interior was established and the Patent office became a part of it. Up to 1849 the agricultural work was carried on by the Commissioner of Patents, Henry L. Ellsworth, but from that time until 1861, a special official, under the direction of the Commissioner, was employed for the work.

May 15, 1862, an act was approved which created the Department of Agriculture, the duties of which were to "diffuse useful information on subjects connected with agriculture in the most general and comprehensive sense of the word, and to procure, propagate, and distribute among the people new and valuable seeds and plants." It was provided that the head of this bureau should be a Commissioner of Agriculture, to hold office by a tenure similar to that of other civil officers appointed by the President.

The bureau was made a full executive department by an act of Congress approved Feb. 9, 1889, and placed under a Secretary, who was made a member of the President's Cabinet. To promote the agricultural interests of the country in the most thorough manner an act of Congress approved March 2, 1887, provided for the establishment of agricultural experiment stations (see Agricultural Colleges and Experimental Stations), in connection with the agricultural colleges in the several states and territories, and placed the Commissioner of Agriculture over these stations in an advisory and administrative capacity.

The Agricultural colleges established in the several states and territories in accordance with the land grant act of Congress of July 2, 1862, have no organic relation to the Department of Agriculture further than that the agricultural experiment stations are generally departments of the agricultural colleges, and that the president of each of these colleges is obliged to make an annual report to the Secretary of Agriculture.

The Weather Bureau (q. v.), an important branch of the Department, was authorized by Congress Feb. 4, 1870, under the direction of the War Department, but by an act of Oct. 1, 1890, it was transferred to the Department of Agriculture.


Department of Agriculture
Secretary of Agriculture
Solicitor
Chief Clerk
Assistant Secretary of Agriculture
Bureau of Animal Industry
Bureau of Entomology
Bureau of Biological Survey
Office of Inspection
Division of Accounts and Disbursements
Division of Publications
Office of Public Roads and Rural Engineering
Forest Service
Forest Appeals
Appointment Clerk
States Relation Service
Weather Bureau
Office of Exhibits
Office of Information
Office of Farm Management
Bureau of Plant Industry
Bureau of Soils
Bureau of Chemistry
Bureau of Crop Estimates
Office of Markets and Rural Organization

Some other important bureaus are:

Bureau of Animal Industry (established in 1884), which, besides its investigations to improve the condition of the animal industries of the country, has wide powers of inspection and supervision as to the health of live stock. (See Animal Industry, Bureau of.)

Bureau of Forestry (1881), which has charge of the administration of the national forest reserves. (See Forest Service.)

Bureau of Entomology (1863), which obtains and disseminates information regarding injurious insects and their relation to plant and animal life.

Bureau of Chemistry (1862), whose work includes the investigation of food products imported into the United States, analysis of adulterated products, and experiments to determine the effect of adulterants upon the human system.

Bureau of Statistics, organized as the Division of Statistics in 1863 and made a bureau in 1903. This bureau is the oldest distinctively statistical agency of the Government, its work being the fathering of material of interest to the agriculturist, from all parts of the world.

Investigations.—One of the most serviceable activities of the Department are investigations covering the following phases of agricultural life: Crop Economics, studies in farm practice and cost of production of various field crops; Live-Stock Economics, studies in farm practice and cost of production of various farm animals; Farm Management Surveys, surveys of farms in different localities to bring out the factors underlying success or failure in farming, the cost of the farmers' living, and the status of tenancy; Farm Accounting, practical methods of farm book-keeping; Farm Equipment, studies of farm machinery, farm power, tractors, draft animals, etc.; Farm Economics, studies of the best practices for the several localities; Agricultural Geography, studies with reference to dates of frost, times of planting, etc.; Farm Tenancy, lease contracts, etc.

Agricultural Colleges.—Large tracts of land in the northwest territory were granted to the states formed therefrom, to be sold by the legislatures or by the Federal Government for educational purposes. As early as 1785 Congress, foreshadowing the permanent policy of the nation in encouraging education, enacted that one thirty-sixth of all the public lands should be set apart for and dedicated to the cause of education, and by the act of July 23, 1787, this reservation was made perpetual. The further to encourage and dignify the science of husbandry, Congress, by the Morrill Act of July 2, 1862, provided "that there be granted to the several states . . . an amount of public land, to be apportioned to each state a quantity equal to 30,000 acres for each Senator and Representative in Congress to which the states are respectively entitled by the apportionment under the census of 1860," but excepting mineral lands, to found colleges of agriculture and the mechanical arts. This act was amended by an act of March 3, 1833, which provided that all money derived by the states from the sale of land apportioned by the general Government must be invested in stocks of the United States or in the several states, or in some safe manner to be prescribed by the legislature of the several states in such a manner as to yield not less than five per cent., the principal to remain forever inviolate and undiminished.

College instruction in agriculture is given in the colleges and universities receiving the benefits of the acts of Congress of July 2, 1862, August 30, 1890, and March 4, 1907, which are now in operation in all the states and territories except Alaska. The total number of these institutions is sixty-eight, of which sixty-five maintain courses of instruction in agriculture. In twenty-three states the agricultural colleges are departments of the state universities. In sixteen states and territories separate institutions having courses in agriculture are maintained for the colored race. All of the agricultural colleges for white persons and several of those for negroes offer four-year courses in agriculture and its related sciences leading to bachelors' degrees, and many provide for graduate study. About sixty of these institutions also provide special short, or correspondence, courses in the different branches of agriculture, including agronomy, horticulture, animal husbandry, poultry raising, cheese making, dairying, sugar making, rural engineering, farm mechanics, and other technical subjects. Officers of the agricultural colleges engage quite largely in conducting farmers' institutes and various other forms of college extension.

By an act approved on August 30, 1890, Congress provided an annual appropriation of $15,000 for the year ending June 30, 1890, and an annual increase of this amount for ten years by an additional sum of $1,000 over the preceding year, the annual amount to be paid thereafter to each state or territory to be $25,000. This appropriation must, however, be applied only to instruction in agriculture, the mechanical arts, the English language, and the various branches of mathematical, physical, natural and economic science with special reference to their application to the industries of life.

The agricultural experiment stations, with very few exceptions, are departments of the agricultural colleges. The total number of persons engaged in the work of education and research in the land-grant colleges and the experiment stations in 1913 was 7,651, the number of students (white) in interior courses in the colleges of agriculture and mechanic arts, 47,216; the total number of students in the whole institutions, 88,408 (not including students in correspondence courses and extension schools), the number of students (white) in the four-year college courses in agriculture, 12,462; the total number of students in the institutions for negroes, 8,561, of whom 1,795 were enrolled in agricultural courses. With a few exceptions, each of these colleges offers free tuition to residents of the state in which it is located. In the excepted cases scholarships are open to promising and energetic students, and in all opportunities are found for some to earn part of their expenses by their own labor. The expenses are from $225 to $500 for the school year.

Location of agricultural colleges receiving the benefits of Acts of Congress of July 2, 1862 and August 30, 1890:

Alabama—Alabama Polytechnic Institute, Auburn.
Agricultural School of the Tuskegee Normal Industrial Institute, Tuskegee Institute.
Agricultural and Mechanical College for Negroes, Normal.

Arizona—University of Arizona, Tucson.

Arkansas—College of Agriculture of the University of Arkansas, Fayetteville.
Branch Normal College, Pine Bluff.

California—College of Agriculture of the University of California, Berkeley.

Colorado—The State Agricultural College of Colorado, Fort Collins.
Connecticut—Connecticut Agricultural College, Storrs.
Delaware—Delaware College, Newark.
State College for Colored Students, Dover.
Florida—College of Agriculture of the University of Florida, Gainesville.
Florida Agricultural and Mechanical College for Negroes, Tallahassee.
Georgia—Georgia State College of Agriculture, Athens.
Georgia State Industrial College, Savannah.
Hawaii—College of Hawaii, Honolulu.
Idaho—College of Agriculture of the University of Idaho, Moscow.
Illinois—College of Agriculture of the University of Illinois, Urbana.
Indiana—School of Agriculture of Purdue University, La Fayette.
Iowa—Iowa State College of Agriculture and Mechanic Arts, Ames.
Kansas—Kansas State Agricultural College, Manhattan.
Kentucky—The College af Agriculture of the State University, Lexington.
The Kentucky Normal and Industrial Institute for Colored Persons, Frankfort.
Louisiana—Louisiana State University and Agricultural and Mechanical College, Baton Rouge.
Southern University and Agricultural and Mechanical College of the State of Louisiana, Scotland Heights, Baton Rouge.
Maine—College of Agriculture of the University of Maine, Orono.
Maryland—Maryland Agricultural College, College Park.
Princess Anne Academy, Eastern Branch of the Maryland Agricultural College, Princess Anne.
Massachusetts—Massachusetts Agricultural College, Amherst.
Michigan—Michigan Agricultural College, East Lansing.
Minnesota—College of Agriculture of the University of Minnesota, University Farm, St. Paul.
Mississippi—Mississippi Agricultural and Mechanical College, Agricultural College.
Alcorn Agricultural and Mechanical College, Alcorn.
Missouri—College of Agriculture of the University of Missouri, Columbia.
Lincoln Institute, Jefferson City.
Montana—Montana State College of Agriculture and Mechanic Arts, Bozeman.
Nebraska—College of Agriculture of the University of Nebraska, Lincoln.
Nevada—College of Agriculture of the University of Nevada, Reno.
New Hampshire—New Hampshire College of Agriculture and the Mechanic Arts, Durham.
New Jersey—Rutgers Scientific School (the New Jersey State College for the Benefit of Agriculture and the Mechanic Arts), New Brunswick.
New Mexico—New Mexico College of Agriculture and Mechanic Arts, State College.
New York—New York State College of Agriculture, Ithaca.
North Carolina—The North Carolina College of Agriculture and Mechanic Arts, West Raleigh.
The Agricultural and Mechanical College for the Colored Race, Greensboro.
North Dakota—North Dakota Agricultural College, Agricultural College.
Ohio—College of Agriculture of Ohio State University, Columbus.
Oklahoma—Oklahoma Agricultural and Mechanical College, Stillwater.
Agricultural and Normal University, Langston.
Oregon—Oregon State Agricultural College, Corvallis.
Pennsylvania—The Pennsylvania State College, State College.
Porto Rico—College of Agriculture of the University of Porto Rico, Mayaguez.
Rhode Island—Rhode Island State College, Kingston.
South Carolina—The Clemson Agricultural College of South Carolina, Clemson College.
State Agricultural and Mechanical College of South Carolina, Orangeburg.
The Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina, Orangeburg.
South Dakota—South Dakota State College of Agriculture and Mechanic Arts, Brookings.
Tennessee—College of Agriculture, University of Tennessee, Knoxville.
Tennessee Agricultural and State Normal School, Nashville.
Texas—Agricultural and Mechanical College of Texas, College Station.
Prairie View State Normal and Industrial College, Prairie View.
Utah—The Agricultural College of Utah, Logan.
Vermont—College of Agriculture of the University of Vermont, Burlington.
Virginia—The Virginia Agricultural and Mechanical College and Polytecnnic Institute, Blacksburg.
The Hampton Normal and Agricultural Institute, Hampton.
Washington—State College of Washington, Pullman.
West Virginia—College of Agriculture of West Virginia University, Morgantown.
The West Virginia Colored Institute, Institute.
Wisconsin—College of Agriculture of the University of Wisconsin, Madison.
Wyoming—College of Agriculture, University of Wyoming, Laramie.

Experiment Stations.—A law approved March 2, 1887, provided for the establishment—under the direction of the agricultural colleges, or agricultural departments of colleges, established in each state or territory in accordance with the law of July 2, 1862, mentioned above—of departments to be known as Agricultural Experiment Stations. It was provided that the duties of these stations should consist in conducting original research as to the physiology of plants and animals; the diseases to which they are subject and their remedies; the chemical composition of useful plants; the comparative advantages of rotative croppings as pursued under varying series of crops; the analysis of soils and water; the chemical compositions of natural and artificial fertilizers; the scientific and economic questions involved in the production of butter and cheese; and such other matters bearing directly upon the agricultural industries of the United States as might be deemed advisable by the directors of the several stations. For carrying on this work the act provided $15,000 a year to each state and territory out of funds proceeding from the sale of public lands.

Agricultural experiment stations are now maintained in whole or in part by the federal government, and exist in every state and territory. The total amount expended in

one recent year was $3,053,446, of which nearly half was received from the National government. Agricultural experiment stations represent one of the most important institutions in the United States, doing much to promote intensive farming and to show farmers how to reduce costs and derive the greatest benefit from their crops.

Following is a list of the secretaries of agriculture and the Presidents under whom they served:

President	*Secretaries*	*Appointed*
Cleveland	Norman J. Coleman	1889
B. Harrison	Jeremiah M. Rusk	1889
Cleveland	J. Sterling Morton	1893
McKinley	James Wilson	1897
Roosevelt	James Wilson	1901
Taft	James Wilson	1909
Wilson	David F. Houston	1913
Wilson	Edwin T. Meredith	1920

The following persons have held the office of Commissioner of Agriculture in the order named: Isaac Newton, Pennsylvania; Horace Capron, Illinois; Frederick Watts, Pennsylvania; William G. Le Duc, Minnesota; George B. Loring, Massachusetts; and Norman J. Colman, Missouri.

For more detailed information as to the scope of the activities of the Department of Agriculture consult the index references to the Presidents' Messages and Encyclopedic articles under the following headings:

Accounts and Disbursements, Division of.
Animal Industry, Bureau of.
Biological Survey, Bureau of.
Chemistry, Bureau of.
Crop Estimates, Bureau of.
Entomology, Bureau of.
Exhibits, Office of.
Experiment Stations.
Farm Management, Office of.
Food and Drug Inspection, Board of.
Forest Reserve.
Forest Service.
Horticultural Board.
Insecticide and Fungicide Board.
Inspection, Office of.
Markets and Rural Organization, Office of.
National Forests.
Plant Industry, Bureau of.
Public Roads and Rural Engineering, Office of.
Publications, Division of.
Referee Board of Consulting Scientific Experts.
Soils, Bureau of.
States Relation Service.
Weather Bureau.

Agriculture, Department of:
Activities of, 7909.
Cost of living investigations of, 8768.
Creation of, discussed, 5486.
Discussed by President—
Cleveland, 5886, 5978, 6169.
Harrison, 5554, 5641, 5763.
McKinley, 6346, 6390, 6455.
Roosevelt, 6655, 7257, 7374.
Taft, 7536.
Wilson, 7909, 8037, 8262.
Educational work of, 6905, 6906.
Efforts of, in behalf of farmers, 7909.
Expenditures of, 5886, 5981.
Experiment Stations of, 6733, 6905.
Foreign trade influence on, 7374.
Forest Service recommended, 6910.
Importance of, to whole world, 8037.
Improvement in, urgent need for, 7257.
Land reserved for use of, 6709.
Law officer for, recommended, 5487.
Operations of, 7536.
Relation of, to war food control program, 8262.
Secretary of, authority of, to check spread of contagious diseases among animals, 6948.
Statistical division of, 5982.
Sugar-beet culture, 4534, 5554, 6280, 6347, 6356, 6415, 6455, 6865.
Sugar cane experiments, 6849.
Transfer of Weather Service to, 5487.
Usefulness vindicated, 7091.
Works of, 6655, 6727, 6906, 6927.

Agriculture, International Institute of.—A body established under an International Treaty of June 7, 1905 (ratified by the United States on July 7, 1906), composed of delegates selected by the signatory governments. It is under the direct patronage of the King of Italy, who has endowed it with considerable funds, although it also receives financial support from its adhering countries. The function of the Institute is to furnish the various countries statistics of agricultural production and distribution throughout the world, suggestions regarding improvements in the agricultural industry, and information about the economic and sociological aspects of agriculture.

Agriculture, Secretary of:
Plans of, for agricultural investigations, 8814.
Stockyards' supervision placed under, 8582.

Aircraft (see also Aeronautics):
Exposition of, prohibited during war, 8427.
Regulations for civilian, 8468.

Aircraft Board.—By act of Congress approved October 1, 1917, a board was created to expand and coordinate the industrial activities pertaining to aircraft and their parts and to facilitate the development of air service. The board consisted of not more than nine members, including a civilian chairman, the Chief Signal Officer of the Army, two other Army officers to be appointed by the Secretary of War, the Chief Constructor of the Navy, two other Navy officers to be appointed by the Secretary of the Navy, and two additional civilian employees. The civilian employees were appointed by the President, by and with the consent of the Senate, the civilian members served without compensation, and the life of the Board was limited to six months after the conclusion of the World War. The Board consisted of H. E. Coffin, chairman, R. F. Howe, Maj. Gen. G. O. Squier, Col. E. A. Deeds Col. R. E. Montgomery, Rear Admiral Taylor, Capt. M. E. Irwin, Lieut. Commander A. K. Atkins. There was much dissatisfaction with the work of the Board, which culminated in an official investigation and the placing of the aircraft production for war of the United States in the hands of Mr. J. D. Ryan. (See page 8515.)

Aircraft Production, War, in United States.—A summary of the airplane activities of the United States in the World War is as follows:

On the declaration of war by the United States on April 6, 1917, the United States had only 55 training planes, of which 51

were classed as obsolete and 4 as obsolescent. This situation obtained because the new aviation developments and the secrets of the belligerents in the war had been zealously guarded from neutrals. From that date to November 30, 1918 (the armistice with Germany having been signed on November 11, 1919) there were produced in the United States 9,503 training planes and 17,673 training engines.

The De Haviland-4 observation and day bombing plane was the only plane put into maximum production in this country. By the signing of the armistice 3,227 had been completed and 1,885 had been shipped overseas, of which 667 had reached the zone of advance. At the time of the armistice, the plane was being produced at the rate of over 1,100 a month.

The twelve-cylinder Liberty engine was the most valuable contribution of the United States to the air efforts of the Entente Allies in the war. Before the signing of the armistice, 13,574 had been completed, 4,435 had been shipped to the American Expeditionary Forces and 1,025 had been delivered to America's associates in the war. The production of Liberty engines in October, 1919, was more than 3,850. The total number of all airplane engines produced in the United States was 16,325.

Aviation training schools in the United States graduated 8,602 men from the elementary courses and 4,028 from the advanced courses. More than 5,000 pilots and observers were sent overseas. The total personnel of the Air Service increased from 1,200 in April, 1917, to almost 200,000 in November, 1918.

The first American air squadrons went into action in France in April, 1918. By the armistice, there were 45 such squadrons, with an equipment of 740 planes. Of all the planes sent to the zone of advance for American aviators, about one-fourth were of American manufacture, the remainder coming from America's allies.

In the battles of Château-Thierry, the St. Mihiel Salient and the Meuse-Argonne, American aviators brought down 755 enemy planes, with a loss of only 357 planes of their own.

The number of observation balloons produced was 642. Of these, 369 were shipped overseas.

The following table shows the production of *service planes* for the United States to the end of each month:

Month	*Foreign*	*American*	*Total*
September, 1917...	6	....	6
October	75	....	75
November	258	....	258
December	266	....	266
January, 1918.....	304	....	304
February	402	9	411
March	552	13	565
April	695	30	725
May	969	106	1,165
June 1,345		542	1,886
July 1,975		1,028	3,003
August 2,536		1,184	3,720
September 3,047		1,892	4,939
October 3,483		3,014	6,497
November 3,800		4,089	7,889

Insignia used for United States airplanes are a white star, with red centre, upon a blue circumscribed field. These are placed on the upper surface of the upper wings of the aeroplane and on the lower surface of the lower. The rudders are marked with three bands of blue, white and red, looking from the rudder post.

Aircraft Production, Bureau and Director of, created and duties assigned, 8515, 8516.

Alabama.—One of the southern group of states; nicknamed, the "Land of Flowers." The name is Indian and means "Here we rest," and has been adopted as the motto of the State. Alabama is bounded on the north by Tennessee, on the east by Georgia, and on the west by Mississippi. It is about 330 miles in length from north to south and its greatest width is 200 miles. It contains 51,998 square miles of area, or about 33,000,000 acres. The State was admitted into the Union Dec. 14, 1819, seceded Jan. 11, 1861, and was readmitted by act of Congress June 25, 1868 (pages 3521, 3857.) The latest estimate of the population was 2,395,270, of which about 40 per cent was negro.

The latest figures for education indicate that 375,824 of the 454,478 white children of school age were enrolled in the schools of the state, and 190,250 of the 315,327 negro children. The average attendance in the white schools was 235,393, with 9,050 teachers with an average salary (woman's) of $367. The average attendance in the negro schools was 102,398, with 2,716 teachers with an average salary (woman's) of $172. Twelve per cent of the white children and twenty-five per cent of the negro children were not at school for one day during the school year.

The staple production of Alabama is cotton, though corn, oats, wheat, and all kinds of vegetables are produced in abundance, besides butter, cheese, and lumber. Alabama is particularly rich in mineral deposits. A vein of bituminous coal runs eastward from Tuscaloosa into Georgia. The statuary granite of Alabama is among the best in the United States. The chief industries of the State are farming and the manufacture of iron and cotton fabrics.

The latest figures for the chief agricultural products are as follows:

Crop	*Bushels*	*Value*
Cotton	820,000*a*	$110,700,000
Corn 67,686,000		100,175,000
Hay 1,293,000*b*		26,248,000
Peanuts 17,480,000		24,647,000
Sweet Potatoes...14,688,000		16,881,000

a—bales; *b*—tons.

The iron ores of Alabama, though inferior to those of Lake Superior, have a compensating advantage in lying near beds of good coking coal and of limestone suitable for fluxing, so that Birmingham, the Pittsburgh of the South, can manufacture pig iron cheaper than any other place in the world. Before 1882, when the boom began, the coal production of Alabama had not amounted to as much as half a million tons in any one year; in 1913 it was 17,678,522 tons. The value of the coal product of Alabama is approximately two-thirds that of the total mineral output, amounting in 1913 to $23,083,724.

The latest figures for the coal production were 21,280,000 net tons, an increase of 60 per cent over the preceding year. Some 5,350,000 tons of coke were produced, and 1,230,000 gross tons of iron ore.

The number of manufacturing establishments in Alabama having an annual output valued at $500 or more at the beginning of 1915 was 3,240. The amount of capital invested was $218,062,000 giving occupation to 87,916 persons, using material valued at

$105,632,000, and turning out finished goods worth $175,897,000. Salaries and wages paid amounted to $80,000,000.

Alabama (see also Confederate States; Tuscaloosa, Ala.):
Act prescribing number of district attorneys and marshals in, vetoed, 5785.
Direct tax due from, request of United States for payment of, 3579.
Fourteenth amendment ratified by, 3998.
Fourteenth amendment ratified by, 3843.
Proclaimed, 3837.
Indian depredations in, 1645.
Indians attempt to establish government in, 1020.
Lands granted to, in aid of railroads referred to, 3580.
Memorial from colored citizens of Montgomery asking rights of citizenship referred to, 4258.
Property owners in, should be compensated for losses sustained, 1474.
Provisional governor for, appointed and restoration of, into Union, 3521.
Railroads in, memorial from legislature of, asking extension of time to complete, 3579.

Alabama Claims.—During the Civil War in the United States the Queen of England issued a proclamation of neutrality, May 13, 1861, granting belligerent rights to both combatants and forbidding her subjects to take part with either. Great Britain's laws prohibited the equipment of any land or naval forces within her dominions to act against any friendly power. Notwithstanding this prohibition, the *Alabama, Florida, Georgia, Shenandoah,* and other vessels were built in Great Britain for the Confederate States, and, regardless of the remonstrances of the American ministry, were allowed to escape from British ports fitted out as commerce destroyers. In less than two months the *Alabama* had taken twenty-seven prizes. After a long cruise among islands of the East and West Indies and along the coast of Brazil the *Alabama* came to anchor at Cherbourg, France. Off this harbor she was sunk by the U. S. S. *Kearsarge,* after having destroyed 58 vessels and about $6,550,000 worth of property. After the war the United States pressed a claim for damages against Great Britain. After much discussion it was agreed to submit the matter to a court of arbitration composed of Charles Francis Adams, appointed by the President of the United States; Sir Alexander Cockburn, by the Queen of England; Count Federigo Sclopis, by the King of Italy; M. Jacques Staempfli, by the President of Switzerland, and Viscount d'Itajuba, by the Emperor of Brazil. The commissioners met at Geneva, Switzerland, Dec. 15, 1871, Count Sclopis presiding. The United States was awarded $15,500,000 in gold in satisfaction for all claims. All claims to indirect damages were rejected, and Great Britain was held culpable for not doing more to prevent the sailing and success of the cruisers. The award was paid. (See Geneva Tribunal and illustration opposite 3664.)

Alabama Claims:
Arbitration of, proposed by United States, and reply of Great Britain discussed, 3565.
Commission to take proof on, recommended, 4056.
Correspondence regarding mode of settling, 4075.
Court of Commissioners of—
Discussed, 4244, 4296, 4356, 4372.
Time of duration of, extended, 4278, 4296.
Discussed, 3565, 3655, 3777, 3987, 4056, 4321.
Transfer of indemnity to United States referred to, 4312.
Tribunal at Geneva for settlement of, award of, 4138.
Commissioners to report on distribution of, appointment of, recommended, 4139, 4190.
Payment of, 4190.
Case of United States and counter case referred to, 4115, 4118, 4119.
Difference of opinion regarding powers of, 4120, 4122.
Discussed, 4097, 4138.
Legislation in connection with, urged, 4164.
Referred to, 4161.
Alabama Indians. (See Indian Tribes.)
Alabama, The, destruction of, by the *Kearsarge* referred to, 3457. (See also Alabama Claims.)

Alamo.—Originally built as a church, situated on the San Antonio River, near San Antonio, Texas, it was converted into a fort. In February, 1836, it was occupied by Colonel W. B. Travis with 140 men who were in arms against the government of Mexico. The party was besieged by some 2,000 Mexicans under Santa Ana from February 23 until March 6, when the place was surrendered to Santa Ana under the promise of his protection. At the command of that general, however, the six survivors, including David Crockett and Colonel Bowie, famous frontiersmen, were massacred, and the bodies of their comrades were mutilated. Thereafter Texans were roused to fury by the cry, "Remember the Alamo!" In allusion to the heroic defense made by the Greeks of antiquity at Thermopylæ, this struggle was sometimes referred to as the Thermopylæ of Texas.

Alaska. — *History.* — Alaska derives its name from an English corruption of the native word "Al-ay-ek-sa," probably meaning "The great land" or "Mainland."

The region now known as Alaska was first explored by the Russian officers Bering and Chirikov in 1741. Russian traders and trappers soon entered the country and through their activity other nations became interested in this region. Spanish expeditions in 1774 and 1775 visited the southeastern shore and in 1778 the English Explorer, Capt. James Cook, made extensive surveys of the coast for the British Government. The first settlement was made by the Russians at Three Saints on Kodiak Island in 1784, and in 1804 the Russian-

American Co. founded Sitka, making it the seat of government in the following year.

In 1799 the trade and regulation of the Russian possessions in America were given over to the Russian-American Co. for a term of 20 years, which was afterwards twice renewed for similar periods.

In 1821 Russia attempted by ukase to exclude foreign navigators from Bering Sea and the Pacific coast of her possessions, which caused a controversy with the United States and Great Britain. The question was settled by a treaty with the United States in 1824 and one with Great Britain in 1825, by which the boundaries of the Russian possessions in America were permanently fixed.

In March, 1867, Alaska was purchased by the United States for the sum of $7,200,000 in gold, and in October of the same year the formal transfer was made at Sitka. From 1867 to 1877 Alaska was governed by the War Department, although the customs were from the beginning collected by the Treasury Department, and with the latter the control rested from 1877 until the passage of the act of 1884. This act extended over Alaska the laws of the State of Oregon so far as they were applicable, created a judicial district and a land district, put in force the mining laws of the United States, and gave the country an administrative system.

The influx of settlers after the discovery of gold in the Klondike in 1896 rendered more adequate laws necessary. In 1899 and 1900 Congress made provisions for a code of civil and criminal law, and in 1903 passed a homestead act.

There had long been a disagreement with Great Britain over the location of the boundary line between Canada and Alaska, owing to a difference in the interpretation of a treaty made between Russia and Great Britain in 1825, defining this boundary; and on the discovery of gold in Alaska, in 1895-96, this matter reached a serious stage. The main point of difference was whether the boundary line should be thirty marine leagues (mentioned in the Russia-Great Britain treaty of 1825) east from the western boundary of the islands off the Alaska coast, or that distance east of the mainland coast. In 1899 a provisionary boundary was agreed upon, and on Jan. 24, 1903, a treaty was signed between Great Britain and the United States providing for a tribunal of three British and three American commissioners to settle the dispute. The treaty was ratified by the United States Senate on Feb. 11, 1903, and on March 3 ratifications were exchanged between the two governments. The commission sat in London and on Oct. 17, 1903, made a decision mainly in favor of the United States, granting Canada access to the Pacific only near the southern end of the boundary and giving her Wales and Pease islands, in Portland Canal. In June, 1904, a survey of the boundary thus determined was begun by engineers of the United States and Canada.

By the act of May 7, 1906, Alaska was given power to elect a Delegate to Congress. The act of August 24, 1912, provided for the creation of a Territorial legislature.

The Sixty-second Congress on Aug. 24, 1912, passed a law creating a territorial government for Alaska and establishing Juneau as the capital. In order to develop the mineral possibilities and prevent a threatened monopoly of the coal fields a railroad commission was appointed to conduct an examination into the transportation question in the Territory of Alaska. Upon the report of this committee was based legislation providing for purchase or construction of railroads and the leasing of the coal lands. The act of March 12, 1914, authorized the President to purchase or construct 1,000 miles of railroad at a cost not to exceed $35,000,000 to connect one or more of the open Pacific harbors on the southern coast of Alaska with the navigable rivers of the interior, and with one or more of the known coal fields. This railroad may be leased or operated by the government, as Congress may see fit. The act of Oct. 22 provided for the lease of coal lands at two cents a ton for the coal mined.

Geography.—Alaska in its greatest extent is included between the meridians of 130° west longitude and 173° east longitude and between the parallels of 51° and 72° north latitude. It is bounded on the north by the Arctic Ocean, on the west by the Arctic Ocean, Bering Strait, and Bering Sea, on the south and southwest by the Gulf of Alaska and the Pacific Ocean, and on the east by the Yukon Territory and British Columbia. The eastern boundary from the Arctic Ocean to the neighborhood of Mount St. Elias is the one hundred and forty-first meridian; thence southeastward to Portland Canal it is irregular and cannot be described in general terms.

The area of Alaska is 590,884 square miles, about one-fifth that of the United States. The popular conception of the size of Alaska is based on maps of North America, which always distort it. The map of Alaska, superimposed on a map of the United States of the same scale, demonstrates that the distance from the easternmost to the westernmost point in Alaska is equal to the distance from the Atlantic to the Pacific in the latitude of Los Angeles, and that its northernmost and southernmost points are nearly as far apart as the Mexican and the Canadian boundaries of the United States.

The main mass of Alaska is nearly rectangular and is carved out from the continent by Mackenzie Bay on the north and the Gulf of Alaska on the south. An extension to the southeast is furnished by the so-called panhandle of southeastern Alaska, and to the southwest by the Alaska Peninsula and the Aleutian Islands.

Topography.—The main topographic features of Alaska are similar to those of the western United States. The highlands of Alaska, like those of the United States and Canada, are in general parallel to the coast line, and the four topographic provinces of the United States are fairly well defined throughout western Canada and continue into Alaska. Along the Pacific coast of Alaska and British Columbia is a mountainous belt 50 to 200 miles in width, which is the westernmost of the four provinces, and may be designated the "Pacific Mountain system." It properly includes the mountainous Alexander Archipelago and Aleutian Islands, as well as a number of other island groups. While this region is in the main rugged and mountainous, its ranges are distinct and often separated by broad valleys or indentations of the coast line, forming in several cases large basins, like that of the Copper River. Except for a section of the inner slope which drains into the Yukon and Kuskokwim, its waters reach the Pacific through streams flowing transverse to the axis of the mountains.

East and north of the Pacific Mountains is the Central Plateau region, corresponding in a broad way with the Central Plateau of the western United States and

Canada. This belt is drained largely by the Yukon and Kuskokwim Rivers into Bering Sea, and includes a number of lowland areas of considerable extent. East and north of the plateau province, a broad cordillera forms the northern extension of the Rocky Mountain system. The drainage of the southern slopes of the mountains is chiefly tributary to the Yukon, while the northern slope drains into the Arctic Ocean.

The Great Plains east and north of the Rockies form an area of low relief which lies between the western extension of the Rocky Mountains and the Arctic Ocean and is designated the "Arctic slope region."

Climate.—Though Alaska is often loosely referred to as an Arctic province, yet nearly three-quarters of its area lies within the North Temperate Zone. Geographic position and extent relative to oceanic bodies, together with relief, have brought about physical conditions producing strong contrasts in climate between different parts of the Territory.

Population.—The 1920 census gave the population of Alaska as 55,036, as compared with 64,356 in 1910. The decrease is due to the exhaustion of placers and the closing of lode mines. The largest towns, with their populations, were Fairbanks, 1,155; Juneau, 3,058; Ketchikan, 2,458; Sitka, 1,175; Anchorage, 1,856. About half of the population is composed of natives.

Government.—The executive power is vested in the governor, who is appointed by the President for a term of four years by and with the advice and consent of the Senate. The governor may veto any bill passed by the Territorial legislature within three days after it is presented to him. The legislature may override the veto by a two-thirds vote of all the members to which each house is entitled.

The legislative power is vested in a Territorial legislature consisting of a Senate and a House of Representatives. The Senate consists of 8 members, 2 from each of the four judicial divisions into which Alaska is now divided. The House of Representatives consists of 16 members, 4 from each of the four judicial divisions. The term of each member of the Senate is four years, one member from each judicial division being elected every two years. The term of each member of the House of Representatives is two years.

The legislature convenes biennially at Juneau, the capital, on the first Monday in March in odd years, and the length of the session is limited to 60 days, but the governor is empowered to call a special session, which shall not continue longer than 15 days. Elections for members of the legislature are held every two years on the first Tuesday after the first Monday in November of each even year.

The judicial power of the Territory is vested in the United States District Court for Alaska, which has the same jurisdiction as the district courts of the United States and has general jurisdiction in civil, criminal, equity, and admiralty causes. This court is divided into four divisions, presided over by four judges appointed by the President, by and with the advice and consent of the Senate, for a term of four years.

The Territory elects a Delegate to Congress, who may participate in debate, but who has no vote. Beginning in 1914 this Delegate is elected on the same date as members of the legislature.

National Forests.—The coast forests, which comprise the most heavily timbered areas in Alaska, are nearly all included in the Tongass and Chugach National Forests. These are under the jurisdiction of the Forest Service of the United States Department of Agriculture.

The best estimates available place the total stand of merchantable timber on the Tongass National Forest at 70,000,000,000 board feet, and on the Chugach at 8,000,000,000 board feet. This timber consists largely of hemlock and Sitka spruce, although there are considerable western red cedar and some yellow cypress, chiefly on the Tongass. The timber is suitable for construction material, finish, and a very large amount is suitable for paper pulp. The Chugach comprises 5,130,201 acres and the Tongass, 15,449,539.

In the most recent year for which figures are available, 48,000,000 board feet of lumber were cut, besides 6,000,000 furnished free for the construction of the government railroad.

Resources.—In recent years, the most valuable product from Alaska has been fish, especially salmon. The mineral wealth, especially gold and copper, continues valuable, and the lumber is a natural resource of great potentiality. There is an increasing amount of attention to agriculture.

Gold lode mining has been prosecuted in southeastern Alaska since 1882 and placer mining, begun at Juneau in 1880, was extended to the Yukon basin in 1886. No very important discoveries of placer gold, however, were found until after the discoveries in the Klondike in 1898. Copper mining began in 1900. The first attempt at coal mining was on Cook Inlet, by the Russians, in 1854.

The total amount of minerals produced in Alaska is valued at about $470,000,000, but in recent years the production has sharply declined, being subject to the world-wide depression in gold and copper production. Thus in a recent year the gold production amounted to only $8,365,560. The total value of all the gold produced in the territory is about $325,000,000.

The copper production has also declined, the last annual production being only 70,435,363 pounds, valued at $12,960,106. In the year for which the above figures are given, the silver production was valued at $1,039,364 and the coal, at $355,668. The other minerals produced—lead, tin, platinum, palladium, petroleum, marble and gypsum—brought the total annual mineral production to $23,303,757.

The number of persons employed in the fisheries is about 27,500, and the total investment in the industry is about $70,000,000, chiefly in salmon-canning. The total annual value of the Alaska fisheries for a recent year was $41,492,124, of which $35,602,800 was represented by canned salmon. The other fish chiefly represented were halibut, herring, cod and whales.

Commerce.—Practically all of the trade of Alaska is with continental United States. In a recent year, Alaska's exports were valued at $69,911,422, and the imports at $38,418,473. The exports included $34,781,970 for canned salmon and $4,911,046 for other fish; $14,006,477 for copper ore and $7,413,751 for gold and silver.

In a recent year, the value of the furs shipped from Alaska was $3,291,584, including more than $1,500,000 for seal, followed

in order of value by fox, mink and muskrat. The seal herd on the Pribilof Islands showed a population of about 553,000, of which 167,527 were breeding cows and 167,527 were pups.

The importation of reindeer from Siberia into Alaska began in 1892 in order to furnish material for food and clothing for the Eskimo in the vicinity of Bering Strait.

On June 30, 1917, there were 82,151 reindeer in 76 herds.

Schools.—The territory maintains for the native children 67 schools, with a staff of 6 superintendents, 133 teachers, 9 physicians and 13 nurses. The last annual native enrollment was 930. There are 77 native schools maintained by the Bureau of Education, with 3,341 pupils enrolled and 145 teachers. There are 16 schools in incorporated towns for white children, with an enrollment of 1,828. Outside of incorporated towns, the territory maintains schools for white children and children of mixed parentage to the number of 52, with 65 teachers and an enrollment of 1,357.

There are in Alaska 23 newspapers; 18 banks, with deposits of about $6,500,000 and capital of $655,000; about 160 postoffices; 15 army, 7 navy and 13 commercial radio stations.

Telegraph and Cable Lines.—Telegraph and cable lines and a wireless system are constructed and operated by the War Department. The military cable line has its southern terminus at Seattle, Wash., where connection is made with the commercial telegraph companies.

Transportation.—The Yukon and the Kuskokwim are navigable during the thirteen to fifteen weeks of the open season, in connection wth ocean-borne commerce. The Yukon is navigable for about 2,200 miles, into Canada, and its tributary, the Tanana, is navigable to Chena, near Fairbanks. The Kuskokwim is navigable for about 650 miles, and, like the Yukon, has many navigable tributaries. There are a number of ports along the Pacific which are always open. There are three regular passenger and freight steamship lines serving coastal Alaska.

The private railroads are primarily ore- and fish-carrying, but perform also the services of common carriers. The chief of these is the Copper River and Northwestern, from Cordova to Kennicott, a distance of about 200 miles. The White Pass and Yukon Railroad, from Skagway to Whitehorse, Canada, has 23 miles of its route within Alaska. The Yakutat and Southern runs from Seward to Fairbanks. There are several other railroads, chiefly on the Seward Peninsula, and narrow-gauge.

Government Railroad.—In 1914, Congress appropriated $35,000,000 for the construction of a Government railroad in Alaska. The sum was later increased by $21,000,000. The work was prosecuted under the direction of the Alaskan Engineering Commission. The route selected was from Seward to Fairbanks, a distance of 471 miles. The project included the purchase of the Alaskan Northern Railroad, which ran about 71 miles north from Seward, and the Tanana Valley Railroad, from Fairbanks to Chatanika, about 39 miles, the latter utilized as a feeder. A side line extends from Matanuska Junction into the Matanuska coal fields, a distance of 38 miles, with a 3-mile spur up Eska Creek.

The construction of the main line was finished in 1922, by which time the branch lines to Matanuska and along the Tanana River had been in operation for some time. Seven miles of the Tanana Railroad were used, and of the Alaska Northern, only a section could be used, much of the grade being abandoned beyond Spencer Summit, 53 miles north of Seward. The main construction base was at Fairbanks.

The Federal Government has constructed about 5,000 miles of wagon road, of which about 400 have a gravel surface and are suited for light automobile traffic. The main road is that connecting Fairbanks with Valdez on the coast and Chitina on the Copper Valley Railroad, on which a regular wagon and sled stage service is maintained. Other roads are in existence or under construction to connect with the Government Railroad. The territorial government also constructs roads, and roads within the national forests are opened up by the Bureau of Public Roads.

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Alaskan Engineering Commission.—The chief task of this body is the construction and supervision of the Government railroad in Alaska. It is under the control of the Department of the Interior.

Alaskan Engineering Commission, procedure of, on Alaskan townsites, 8973.

Alaskan Railroad Commission Mine, disposition of coal from, 8570.

Alaskan Railroad Townsite Regulations amended, 8300, 8973.

Alaska Salmon Commission, mentioned, 6860.

Alaska-Yukon-Pacific Exposition. — For the purpose of exploiting the resources and potentialities of the Alaska and Yukon territories and to demonstrate the progress of the western parts of the United States and Canada, as well as to foster the trade of the countries bordering on the Pacific, an international exposition was held at Seattle, Wash., from June 1, to Oct. 15, 1909. Eleven exhibition palaces were built on the Campus of the University of Washington (a tract of 225 acres). The expenses preliminary to opening were $10,000,000. The funds were raised by appropriations by the federal government, the State of Washington and the City of Seattle.

Alaska-Yukon-Pacific Exposition, object of, 7052, 7103.

Albania.—An extensive tract of the western littoral of the Balkan Peninsula, from the southern frontier of Montenegro to the northern frontier of Greece. Within these limits are included an area of close on 22,000 square miles, with a population of three to three and a half million persons. Of this area about 12,000 square miles have been absorbed by Servia, Greece and Montenegro, leaving the area of the autonomous portion at about 10,000 square miles, with a population of about 1,000,000, of whom about two-thirds are Albanians and the remainder principally Serbs, Bulgars and Greeks.

History.—Albania was governed by native rulers until the close of the thirteenth century, when the Kingdom of Albania was formed by the Sicilian House of Anjou. This kingdom was perpetually at war with Servia, and for many years with Venice, until the advance of the Mohammedan

forces extinguished the independence of the kingdom in the fifteenth and sixteenth centuries. From 1571 to 1913 Albania was under Turkish rule, forming the vilayets of Scutari and Jannina and the western portions of the vilayets of Kossovo and Monastir. The Balkan Wars of 1912-13 were nominally caused by the desire of the Allied States (Bulgaria, Servia, Montenegro and Greece) to free the Albanians from Turkish misrule, and one of the pretexts of the first war was the inability of Turkey to cope with the Albanian risings.

By the Treaty of London (May 30, 1913), the Ambassadors of the assembled Powers agreed upon the principle of an autonomous Albania, and the throne was accepted by Prince William of Wied. Since the date of the treaty the claims of Servia to additional Albanian territory led to desultory fighting between Serbo-Albanian forces, and to a threat of interference on the part of other Powers. Servia finally withdrew from the disputed territory in October, 1913, owing to pressure from Austria-Hungary, but the new country is still a prey to internal dissensions.

On March 10, 1917, announcement was made that Albania had been granted autonomy under an Austrian protectorate. Before that date, it had been overrun by Austrian, Bulgarian, Italian and Greek forces during the European War. On April 20, 1917, the French proclaimed the independence of Albania. Before the Italian retreat in 1917 (see European War), Italy declared the southern portion of Albania autonomous under Italian protection, declaring that Italy would annex only Valona.

By the end of 1919, the final territorial status of Albania, to be determined by the Peace Conference of Paris, was still in doubt.

Transportation.—Albania is traversed from Scutari (in the north) to Valona (in the southwest) by a railway from Montenegro, and lines from Servia cross the eastern frontier at Pizrend, Dibra, and Struga. The principal ports are Durazzo and Valona.

The capital is Scutari, population 30,000

Albany Convention.—One of the important predecessors of the Continental Congress and among the first definite steps taken toward national union. Upon a call issued by the Lords of Trade, commissioners from the Colonies of New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, and Maryland, met at Albany, N. Y., on June 19, 1754, to arrange a treaty with the Six Nations of Indians. Benjamin Franklin proposed and the convention adopted a plan for colonial union. It provided for a president-general of all the Colonies, with veto power, and a grand council to be composed of from two to seven delegates from each Colony, chosen by assembly for a term of three years each. This grand council was to be authorized to equip forces for the common defense of the Colonies and to levy taxes for their maintenance and have control of all Indian affairs. The plan was rejected by the Crown because it gave too much power to the Colonies.

Albany Regency.—A combination of politicians of the Democratic party. Prominent among these were Martin Van Buren, William L. Marcy, John A. Dix, and Silas Wright. This combination was, it was charged, organized to manage and control that party in New York State from about 1820 to 1855. Their organization was quite thorough and complete, and its success was mainly due to this fact. A majority of those in the combination resided in Albany or operated from that city. The name arose from this circumstance.

Albemarle, The.—A Confederate iron-clad ram built on the Roanoke River, below Weldon, N. C., in 1863. She was destroyed with a torpedo by Lieut. W. B. Cushing on the night of Oct. 27, 1864 (3457). Before her destruction she did much damage to vessels of the United States. In 1867, she was raised, towed to Norfolk, and sold.

Albemarle, The:
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Aldrich-Vreeland Currency Law. — A measure passed by Congress May 30, 1908, to render the currency of the United States more elastic by placing it within the power of the national banks to transform all suitable available assets into money in response to any financial emergency. The purpose of the law was to prevent panics, and was the direct result of the financial stringency of 1907. The law provided that the Comptroller of the Currency, who has governmental supervision over the national banks, shall cause to be printed and kept on hand at all times a special issue of currency amounting to 50 per cent. of the combined capital stock of all the national banks. To secure a portion of this emergency bank note issue a bank must be a member of a currency association formed by at least ten banks having a combined capital of not less than $5,000,000. State, county or municipal bonds, commercial paper or other valuable and readily convertible assets may be used as security, provided it first secures the approval of the association and the government. If the securities are acceptable the currency is immediately forwarded to the bank. It was superseded by the Glass-Owen currency law of 1913 (*q. v.*).

Aleutian Islands.—A chain of about 150 islands extending from the western extremity of Alaska near the continent of Asia. The area is about 6,000 square miles. The inhabitants, a half-civilized and declining race, about 2,000 in number, are variously regarded as of Asiatic or American origin. Their trade is chiefly in fish and furs. The islands belong to the United States by reason of the acquisition of Alaska. They were discovered by the Russians about the middle of the eighteenth century.

Alert, The, convention, between Nicaragua and Costa Rica signed on, 6325. (See also Greely, A. W.)

Alexander Archipelago Forest Reserve, proclaimed, 6697.

Alexandria, Va.:
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Alexandria County, D. C.:
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Alfalfa.—A leguminous fodder plant, native to the valleys of Central Asia. It has been cultivated in Europe for more than 2,000 years, and was introduced into Mexico and South America at the time of the Spanish conquest. In 1854 it was brought from Chile to California, whence it spread rapidly over the Pacific and Rocky Mountain states, where it is now more extensively grown than any other forage crop. The word alfalfa is derived from the Arabian and comes to us through the Spanish language. It is interpreted to mean "the best feed." It is also known as lucerne. The plant is an upright branching perennial, one to three feet high, with triple parted leaves and irregular purple flowers, which grow in loose clusters like pea flowers. On loose, permeable soils the roots frequently descend to ten or twelve feet. It grows best on rich, sandy, well-drained loams of a calcareous nature, and does not succeed on damp soil or tenacious clay. Two years are required thoroughly to establish a field, but when once established the plant endures many years. The crop is cut when the plants are coming into bloom, and again from two to six times, according to the length of the season. The ordinary annual yield varies from three to eight tons of dry hay per acre. Green or cured hay is relished by all farm animals, and is used both for fattening and milk production.

Statistics of production gathered by the Census Bureau show that in 1909 there were 4,702,202 acres devoted to alfalfa in the United States, from which 11,849,998 tons of hay was cut and 259,586 bushels of seed gathered.

On Sept. 15, 1916, the average value of alfalfa was $17.59 ton, as compared with $10.25 ton the year previously. The estimated product in 1916 was 23,000,000 short tons. In 1917 more than 6,000,000 acres were devoted to raising alfalfa in the United States, and the product was estimated at 16,599,000 tons. The average farm value of alfalfa at the beginning of the year 1919 was $21.00 a ton.

It is believed that more than 5 per cent of the farms of the United States grow alfalfa. It is grown also in South America and Europe.

Algeciras Convention.—At a conference of the Powers at Algeciras, Spain, Jan. 16 to April 7, 1906, France and Spain were commissioned to maintain order on the Moroccan coast. The town lies on the west side of the Bay of Gibraltar, seven miles from Europa Point. The convention was called in response to many complaints by Europeans and Americans that treaty rights were not respected by the Moors, and that life and property of foreigners were unsafe in Morocco. It was participated in by United States, Germany, Austria-Hungary, Belgium, Spain, France, Great Britain, Italy, the Netherlands, Portugal, Russia and Sweden. The treaty was published Jan. 22, 1907. (See Treaties.) Before the end of the year French troops were landed at Ujda and Casablanca. Jan. 11, 1908, the religious authorities of Morocco deposed Abdel Aziz and proclaimed his brother Mulai Hafid Sultan. His embassy to Berlin was refused recognition without consent of the Powers. (See Morocco.)

Algeciras Convention, ratification urged, 7062.

Algeria.—A French possession on the north coast of Africa, 222,000 sq. miles in area and containing a population of about 5,600,000. This includes the acquisition since 1901 of some 250,000 square miles of territory on the south. The chief native people are Berbers and Arabs. Its capital and principal city is Algiers. It comprises the ancient country of Numidia and a portion of Mauritania. For many centuries it harbored a band of corsairs, who haunted the coasts of the Mediterranean Sea and the Atlantic Ocean as far as the North Sea, preying upon the commerce of all nations which refused to pay them tribute. To pay this tribute was deemed wiser by many European powers than to wage war against them. Following the examples of other nations, the United States signed a treaty in 1795, agreeing to pay the Dey $1,000,000 for the ransom of American captives and promising an annual tribute (see pages 115, 174).

Algeria made war against the United States in 1815. Commodore Decatur, with ten vessels, sailed against the Dey and met with such success that he was enabled to exact indemnity from the Dey himself, and also a treaty renouncing all claim to tribute, presents, or ransoms, and a promise not to reduce prisoners of war to slavery (see page 547). France has since reduced Algeria to the dominion of her Government, organizing it as a colonial possession in 1834, of which it is now the most important. The chief resource of the country is agriculture. Since 1870 there have been a number of extended revolts; and in recent years the country has suffered from serious anti-Jewish agitations. (See also Africa.)

In 1920, there were about 750,000 Europeans included in the population. The natives subsist largely by agriculture, although the land is poor and unfertile. The three principal crops are wheat, barley and oats. There is extensive wine production, and phosphates, coal and lignite are present.

There are about 2,300 miles of railroads, of which about two-thirds are state-owned and state-operated.

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Algerine War.—The countries on the Mediterranean coast of Africa, from Egypt to the Atlantic, namely, Morocco, Algeria, Tunis and Tripoli (which are known collectively as the Barbary Powers) had been in the habit of preying on the commerce of nations that refused to pay a tribute to them. Shortly after the Revolution the operations of these pirates were directed against our commerce, to protect which treaties purchasing immunity by the payment of yearly tribute were negotiated with the Barbary States—in 1786-1787 with Morocco, in 1795 with Algiers, in 1796 with Tripoli, and in 1799 with Tunis.

In 1812 Algiers declared war against the United States. As soon as the war then commencing against England had been brought to an end, our government turned its attention to Algiers. The Algerian war was short and decisive. In the spring of 1815 Commodore Decatur was sent with nine or ten vessels to chastise the pirates. In June he captured the largest of their frigates, and soon after took another vessel. He then dictated a treaty to the Dey of Algiers, which was signed June 30, 1815, relinquishing all claims to tribute in the future.

Algerine War (see also Algeria):
Declaration of war by Congress recommended, 539.
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Threatened by Algiers, 560.
Treaty of peace concluded, 554, 679.

Alien and Sedition Laws.—Two important acts of Congress passed by the Federalists in 1798. Their importance consists not so much in their essential character and the fact that they largely caused the downfall of the Federalist party as in their position in American history as a landmark beyond which it is unsafe for the law-making power to go. During the French Revolution American feeling was high and bitter. Many public speakers and writers openly advocated intervention by the United States in favor of the one side or the other, denounced the neutral attitude of the Government as cowardly and ungrateful, and heaped invectives upon the Administration. The fact that many of the newspapers in which the Government was so bitterly assailed were in the hands of foreigners, had much to do with the passage of the alien act. This law authorized the President to order out of this country all such aliens as he might judge to be dangerous to the peace and safety of the United States or engaged in plotting against them. The sedition act provided heavy fines and imprisonment for any person who should conspire to oppose the United States Government or laws, or who should print or publish any false, scandalous or malicious writings against the Government, Congress, or the President intended to bring disrepute or hatred upon them or to stir up sedition. These laws were regarded by the Republican party of that day as unconstitutional and were denounced by the Kentucky and Virginia resolutions as subversive of the liberty of speech and the press. They expired in 1800 and 1801 respectively. (See also Kentucky and Virginia Resolutions.)

Alien Contract Law, amendment of, recommended, 6348, 6455.

Alien Enemies.—Under section 4067 of the Revised Statutes of the United States, an enemy alien is defined as follows: Any native, citizen, denizen, or subject of a hostile government being a male of the age of fourteen years and upwards and not actually naturalized in the United States.

Amplifications of the definition are as follows:

(a) Children of naturalized enemies, even though born in the enemy country, are not enemy aliens providing naturalization of their parents is completed before the children have reached maturity. Otherwise, such children are enemy aliens until they are naturalized themselves.

(b) Children born in the United States of enemy aliens residing in the United States are not alien enemies unless after maturity they become naturalized in the enemy country.

(c) Naturalization of enemy aliens cannot be completed during the period of war with the enemy country.

(d) Children born in an enemy country of American citizens temporarily residing in that enemy country are not alien enemies. However, if the residence of the parents in the enemy country is permanent, the children are alien enemies unless they have established by suitable action citizenship in the United States.

(e) A native, citizen, denizen or subject of an enemy country remains an alien enemy even though he has taken out his first naturalization papers or has been naturalized in a country other than the United States.

Various regulations for and discussion of enemy aliens by the Presidents are noted below.

During the first year of the war between the United States and the Central Powers, 2,040 alien enemies and war prisoners were confined in war prison barracks at Fort McPherson, Ga., Fort Oglethorpe, Ga., Fort Douglas, Utah.

During the struggle of the United States with the Central Powers, Attorney-General Gregory estimated the number of unnaturalized male alien enemies upward of 14 years of age as follows: Germans, 450,000; Austrians, 600,000; Hungarians, 400,000. Estimating 3 to a family, there were accordingly more than 4,000,000 persons in the United States during the war who were either male unnaturalized alien enemies or members of the families of such.

By act of Congress approved April 16, 1918, the term "alien enemies" was made to include women as well as men.

In February, 1918, all male alien enemies were required to register with the government and in June of the same year, female alien enemies.

By July 1, 1918, about 5,000 Germans had been interned in the United States, distributed chiefly as follows: At Fort McPherson, Ga., 1,310, mostly seamen on German ships seized; at Fort Oglethorpe, Ga., 839; at Fort Douglas, Utah, 432; and between 2,000 and 2,500 prisoners taken from German merchantmen at Hot Springs, N. C.

Of this number, 500 had been sent to Army camps to aid in agricultural production.

Alien Enemies. (See Aliens in United States.)

Alien Laborers discussed, 6065.

Alien Land Law of California, 7873.
- Changes in wording of, to avoid offsense, 7876.
- Protest against, 7875.

Alien Land Laws, Federal and State, discussed by Governor Johnson of California, 7874.

Alien Property Custodian.—The Powers of the Alien Property Custodian during the war of the United States against the Central Powers are set forth in the executive orders of President Wilson on p. 8372, 8380, 8543. The word "enemy" for the purposes of the work of the Alien Property Custodian covered all persons within the military or naval lines of the Central Powers, and all persons residing outside the United States transacting business with any one within such military or naval lines. A German citizen in the United States (unless interested) was not an enemy under the Trading-with-the-Enemy Act, whereas an American citizen in Germany might be so considered.

All who held enemy property or any interest therein, by knowledge or by suspicion, had to report on the same through blanks furnished by the Alien Property Custodian, under penalty of not more than ten years' imprisonment or a fine of $10,000 or both.

The purpose of the work of the Alien Property Custodian was to make available for war financing any funds in the United States belonging to enemies, to prevent such funds being used so as to give aid and comfort to the enemy, and to safeguard property of enemies for such disposition after the war as Congress might make.

For all property which came into his hands, the Custodian acted as a common law trustee, depositing all money with the Treasurer of the United States, to be invested in United States bonds or certificates of indebtedness. In the discretion of the Custodian, enemy property could be used or supervised, without confiscation. In certain cases licenses were issued to permit the property of enemies to be carried on, especially to enemy insurance companies.

On May 1, 1918, the Alien Property Custodian's trust accounts comprised $282,067,927, of which $115,824,409 represented stocks; $46,016,434, bonds; $51,325,434, accounts receivable; $27,965,975, cash; $6,522,279, mortgages; $4,267,618, notes receivable; $4,503,142, real estate; and $25,612,633, miscellaneous.

By the end of the hostilities against the Central Powers, the accounts in the hands of the Alien Property Custodian had risen to some $800,000,000.

Alien Property Custodian:
- Administration of certain portions of Trading with the Enemy Act vested in, 8462.
- Office of, created and explained, 8372, 8380.
- Powers and authority of, 8543.
- Reports of enemy ownership of property to be filed with, 8523.
- Sales to be conducted by, 8542.
- Sales to be conducted by, rules for, 8479.

Aliens. (See Naturalization.)

Aliens in United States (see also Naturalized Citizens):
- Abduction of foreigners claiming protection of United States should be made a crime, 2550.
- Allegiance of, to Government discussed and orders regarding, 3318.
- Appointment of, under Civil Service, when no citizens are available, 8175.
- Claims of, court to try, recommended, 4191, 4243, 4297, 4360.
- Enemy—
  - Directions for, during European War, 8243, 8407.
  - Germans and Austro-Hungarians included in term under Trading with the Enemy Act, 8445.
  - Legislation regarding, further, needed, 8404.
  - Listing of, for International Red Cross, 8243.
  - Naturalization re-opened to, under certain conditions, 8634.
  - Registration of, 8394.
  - Regulations for conduct of, 8243, 8392, 8407.
  - Women included in, 8491.
- Intrigues of, denounced, 8154.
- Jurisdiction over, should belong only to Federal government, 7373, 7504.
- Liability of, to perform military duty—
  - Discussed, 3381.
  - Proclaimed, 3369.
- Loyalty and disloyalty of, discussed, 8066, 8080, 8086, 8114, 8154.
- Number of, employed in Executive Departments, report on, transmitted, 6102.
- Offenses against treaty rights of, should be cognizable in Federal courts, 5618.
- Property of, to be taken over during war, 8372, 8380.
- Rights of under treaties, enforcement of, 7055.

Allatoona (Ga.), Battle of.—In the hope of drawing Gen. Sherman's army out of Georgia, the Confederates, 36,000 strong, under Gen. Hood, threatened his railroad communications with Nashville. Oct. 5, 1864, a division of Hood's infantry appeared before Allatoona Pass, where were stored about 1,500,000 rations. The post was held by Col. Tourtelotte, who was re-enforced by Gen. Corse, thus increasing the Union force to 1,944 men. The attack was made on the 6th. The conflict lasted from 8:30 A. M. until night, when the Confederates withdrew, leaving 231 dead and 411 prisoners. Corse lost 707 men and was himself wounded. Hood crossed the Coosa Oct. 10, and Sherman's army followed him to Gaylesville by way of Rome, and then returned to Atlanta.

Allegiance.—According to Blackstone, allegiance signifies "the tie which binds the subject to the sovereign in return for that protection which the sovereign affords the subject." Natural or implied allegiance is that obligation which one owes to the nation of which he is a natural-born citizen or subject so long as he remains such, and it does not arise from any express promise. Express allegiance is that obligation which arises from an expressed oath or promise. Local allegiance is that obedience and temporary aid due by an alien to the State or community in which he resides. Local allegiance is temporary and expires with residence.

Allegiance, American, meaning of, 7952, 8066, 8087.

Allegiance, Oath of, army officers directed to subscribe anew, 3219.

Allentown, Pa., act for erection of public building at, vetoed, 5243.

Allianca, The, firing upon, by Spanish vessel disavowed by Spain, discussed, 6068.

Allied Conference in London, note to, on participation of United States, 8967. (See also Entente Allies and Wilson, Woodrow.)

Alsace-Lorraine.—The two French provinces which Germany annexed in 1870 as part of the indemnity from the Franco-Prussian war. The use of the French language was officially forbidden, German colonists were imported by the thousands, and other methods were used to make the land forget its French associations. Alsace and Lorraine are on the French side of the Rhine, and Germany utilized their military advantages by erecting within them two of her strongest fortresses, Metz and Strassburg. The French people, however, kept the memory of their lost provinces ever fresh in their minds, and much of their determination in the later war with Germany arose from their resolve to regain their lost land. Proposals for the disposition of Alsace and Lorraine played an important part in all the discussions of peace terms. Alsace and Lorraine were made independent members of the German Empire, and were known as the Reichsland. (See Germany.)

The Reichsland enjoyed less internal autonomy than the other sections of the German Empire, having a status of a dependency as Crown colonies, rather than as integral parts of the Empire. It was administered by a governor appointed by the Kaiser, and it elected only the lower of the two branches of its legislature.

In the World War, France was irrevocably determined to fight to the end rather than surrender its claim for the recovery of Alsace-Lorraine, and with the defeat of Germany, Alsace-Lorraine was returned to France in the Treaties of Versailles.

The area of Alsace-Lorraine is 5,607 square miles. In 1871 the population was 1,549,738; in 1910, it was 1,828,522. According to the German figures, of the latter number, 1,624,260 were German-speaking and 204,262 were French-speaking. More than 75% of the inhabitants are Roman Catholics.

Alsace-Lorraine, wrong of, must be righted, 8424.

Alsop Case.—The Alsop case, which was settled by King George V of England, as arbitrator, was a dispute with the Republic of Chile of forty years' standing. It grew out of a debt incurred by a Brazilian to the firm of Alsop & Co., of Valparaiso, a chartered Chilean concern with American members. In settlement of the debt the Brazilian made over to the Chilean firm certain claims from Bolivia lying in territory which was afterward, as a result of the war of 1879, ceded to Chile. In 1909 Secretary Knox demanded the reference of the claim to The Hague, but Chile objected to this unless her government was allowed to use the argument that Alsop & Co. had been expressly excluded from the rights of American nationals by the Chilean-American Claims Tribunal in 1900, the American Government having insisted on this exclusion. Then Secretary Knox issued an ultimatum demanding reference of the case to The Hague or payment of a million dollars to the United States. Finally an alternative was offered of reference of the claim to King Edward as arbitrator, and Chile was induced to accept this, Dec. 1, 1909. King Edward died, and his son and successor on July 10, 1910, rendered his award in the Alsop claim. It assigned £187,000 to the Alsop firm in full settlement, and Chile paid this amount through the United States Government Nov. 18, 1910. The original amount of the claim was £600,000 with interest. The award was received with satisfaction in the United States.

Alsop and Company's Claim settled, 7657.

Alta Vela Island (Santo Domingo), claim of citizens of United States to guano on, 3827.

Amazon River. (See also Brazil. *Physical Features.*)

Explorations of, by officers of Navy, 2712, 2724, 2762, 4449.

Appropriation for, recommended, 4201.

Free navigation of, desired, 2744.

Attempts to secure, unsuccessful, 2813.

Opened to commerce, 3776.

Ambassador.—This term was long erroneously used in reference to our envoys to foreign countries. The United States did not appoint diplomatic representatives of higher rank than envoy or minister until the year 1893, when by act of March 3 of that year the higher grade was established. Thomas F. Bayard was raised to the rank of ambassador to Great Britain, being the first to hold that rank. United States ambassadors receive an annual salary of $17,500.

In ancient days, ambassadors were appointed and sent on special occasions; and medieval Powers, such as Venice, both received and dispatched ambassadors.

Acknowledged ambassadors are completely free from all allegiance and responsibility to the laws of the country to which they are accredited. They are exempt from taxation by that country and from arrest by civil process. They are considered as though out of the territory of the foreign Power to which assigned and their own countries have the sole control of their persons and cognizance of their conduct. Their embassies enjoy similar status.

Despite the privileged character of ambassadors, if they act contrary to the laws and sensibilities of the countries to which they are assigned, they may not be treated with, or their recall may be requested, or they may be formally dismissed and a time set for their departure. Ambassadors and other diplomatic representatives are usually, though not always, withdrawn before war is declared.

In 1922, the United States had ambassadors to and from the following countries—Argentina, Belgium, Brazil, Chile, France, Great Britain, Italy, Japan, Mexico, Peru, Spain. Before the World War we had ambassadors also to and from Germany, Russia, Austria-Hungary and Turkey.

Ambassadors (see also Ministers):
Elevation of missions of—
Great Britain, France, Italy, and Germany to grade of, and like action of United States, 5874.
Russia to grade of, and like action of United States, 6335.
Official residences for, recommended, 6072, 6155.

Ambassadors, Conference of, attendance of United States representative upon, 8967. (See also Yap.)

Amelia Island.—A small island off the northeast coast of Florida, between the St. Mary's and Nassau rivers. During Spain's nominal occupation of Florida it became the rendezvous of pirates, smugglers, fugitive slaves and other outlaws. These not only preyed upon the commerce of friendly nations, but extended their operations inland, robbing and murdering American settlers in Georgia and Florida. General Matthews with a small force, in March, 1812, took possession of the country under a misinterpretation of his orders to protect American property in East Florida, and President Monroe promptly disavowed the act as unfriendly to Spain, with which country negotiations were at the time under way for cession. It was later occupied by a band of adventurers organized by General McGregor in Philadelphia. These set up an independent government and claimed recognition by the United States and other powers. They entered upon a career of privateering and smuggling, and were finally suppressed by the United States forces. The island came into possession of the United States with the cession of Florida. The island and its inhabitants were a source of serious annoyance to Monroe, and formed the subject of several communications to Congress.

Amelia Island:
Colonial governments not responsible for unlawful conduct of persons in, 601.
Governor Mitchell ordered to restore, to the Spanish, 493.
Possession of—
Inquired into, 620.
Taken by Gen. Matthews, 492.
Unlawful expeditions to, discussed, 582, 590, 592, 601, 609, 620.

Amendments.—One of the chief defects of the original Articles of Confederation was that they could only be amended by the unanimous consent of the thirteen States. Three needful changes having failed of ratification, a convention was called in 1787 to consider amendments. The result of the deliberations of this convention is the present Constitution, which provides for amendments in the following words: "The Congress, whenever two-thirds of both Houses shall deem it necessary, shall propose amendments to this Constitution, or, on the application of the legislatures of two-thirds of the several States, shall call a convention for proposing amendments, which in either case shall be valid, to all intents and purposes, as part of this Constitution when ratified by the legislatures of three-fourths of the several States or by conventions in three-fourths thereof, as the one or the other mode of ratification may be proposed by the Congress; provided," etc. (Art. V. 25.)

Many amendments to the Constitution have been proposed, but by 1922 only 19 had been ratified. They relate to (1) freedom of speech, the press, and religion; (2) right to establish State militia; (3) quartering of troops in private houses; (4) security against unreasonable search and seizure; (5) capital crime; (6) criminal prosecutions; (7) trial by jury under common law; (8) forbidding excessive bail or fines and cruel and unusual punishment; (9) relation of constitutional to natural rights; (10) powers reserved to the States; (11) suits of non-residents against States in Federal courts; (12) election of President and Vice-President; (13) slavery; (14 and 15) abridgment of the franchise, etc., by States; (16) taxes on incomes; (17) election of United States senators by popular vote; (18) prohibition; (19) equal suffrage.

The first ten of these amendments were submitted to the several State legislatures by a resolution of Congress which passed on Sept. 25, 1789, at the first session of the First Congress, and were ratified by a sufficient number of States on or before Dec. 15, 1791. The eleventh amendment was declared adopted Jan. 8, 1798; the twelfth Sept. 25, 1804; the thirteenth, Dec. 18, 1865; the fourteenth, July 28, 1868; the fifteenth March 30, 1870; the sixteenth, Feb. 25, 1913; the seventeenth, May 31, 1913; the eighteenth, January 19, 1919; the nineteenth, August 26, 1920.

The text of the amendments will be found under the Constitution, in Volume I.

Amendments, Constitutional. (For references, see Constitution, Amendments to.)

America.—The entire Western Continent or grand division of the world, including North, Central, and South America and the adjacent islands. It was named in honor of Amerigo Vespucci, an early explorer, whose accounts of the country received wide publicity. It was visited by Norse navigators as early as about 1000 A. D., and there are myths of Chinese and Irish discoveries, but it was not until after its discovery by Columbus in 1492 that it became generally known to Europeans. In a treatise on the new country published in 1507, called Cosmographiæ Introductio, by Waldseemüller, a teacher of geography in the college of St. Die in the Vosges, the name of American was proposed. (See North America and South America.)

America, Four Hundredth Anniversary of Discovery of:
Celebration of. (See Madrid, Spain; World's Columbian Exposition.)
Observance of, enjoined by proclamation, 5724.

American Alliance for Labor and Democracy. —An organization composed largely of officials and members of the American Federation of Labor and of American Socialists who resigned from the Socialist Party when that organization opposed the action of the United States in announcing a state of war with the German Government. The association functioned especially in organizing and stimulating patriotism and support of the government among the working-classes. The organization meeting was held in Minneapolis in the early part of September, 1917.

American Citizens. (See Citizens of United States.)

American Committee for Relief in the Far East, referred to, 8637.

American Continentals.—Uniformed patriotic corps composed of descendants of officers and soldiers of the War of the Revolution. The staff headquarters and offices of the Adjutant are Drexel Building, Wall and Broad Streets, New York.

American Cross of Honor.—This life-saving order was organized A. D. 1898, and is composed of persons upon whom the United States Government has conferred the life-saving medal of honor. May 1, 1906, Congress incorporated the order, and the following officers were elected: Thomas H. Herndon, President; John J. Delaney, Vice-President; Harry A. George, Secretary, and Richard Stockton, Treasurer. All persons who have received the life-saving medal of honor under any act of Congress are eligible to membership in the order. No membership fees or annual dues are collected from any member of this order, only voluntary contributions being received to assist in paying the current expenses.

The cross of the order will be conferred annually upon the person who has rendered the most heroic service in saving life and who, also, has received the medal of honor of the United States Government.

American Expeditionary Forces. (See Army and World War.)

American Federation of Labor. (See Trade Unions):
Address of President Wilson before, 8386.

American Flag Association.—Organized Feb. 17, 1898, its motto being, "One Flag, One Country, God over all." Its object is to secure National and State legislation for the protection of the flag from degrading and desecrating uses, and to secure a general observance of June 14 as "Flag Day," because on that day in 1777 Congress adopted the United States flag. The Association is composed of individual members and also the members of the Flag Committees of patriotic societies for the purpose of fostering public sentiment in favor of honoring the flag of our country and preserving it from desecration.

American Legion.—This organization of the American veterans of the World War was brought into being by an informal conference of delegates, both officers and enlisted men, in Paris, France, on March 15-17, 1919. At this Conference a temporary Constitution was adopted, together with the name of The American Legion, and plans were projected for organization in the United States upon the return of the troops abroad, to include both those who served in the United States and those who served in the American Expeditionary Forces. A caucus similar to the Paris meeting was held in St. Louis on May 8, 9, 10, 1919, and was attended by delegates from every state in the Union, who adopted a temporary Constitution similar to the Paris Constitution, and launched the organization in this country. The St. Louis caucus chose an Executive Committee of one hundred, similar to the Executive Committee of the Paris caucus, both of which committees delegated their authority to a smaller committee of seventeen. From these origins arose a joint National Executive Committee with National Headquarters.

This joint National Executive Committee was responsible for the organization of The American Legion into state and local Posts, preparatory to the first National Convention of the Legion, which was held in Minneapolis on November 10, 11, 12. 1919. This convention adopted a permanent Constitution, formulated permanent policies, and gave The American Legion its permanent character. At this convention all the states in the Union were represented by duly elected delegates selected by a membership in the organization at the time of the convention of approximately a million members.

Significant extracts from the temporary Constitution adopted at the Minneapolis meeting are as follows:

Preamble.—For God and Country, we associate ourselves together for the following purposes—

To uphold and defend the Constitution of the United States of America; to maintain law and order; to foster and perpetuate a one hundred per cent Americanism; to preserve the memories and incidents of our association in the Great War; to inculcate a sense of individual obligation to the community, state and nation; to combat the autocracy of both the classes and the masses; to make right the master of might; to promote peace and good will on earth; to safeguard and transmit to posterity the principles of justice, freedom and democracy; to consecrate and sanctify our comradeship by our devotion to mutual helpfulness.

Name.—The name of this organization shall be *The American Legion.*

Nature.—The American Legion is a civilian organization; membership therein does not affect or increase liability for military or police service. Rank does not exist in The Legion; no member shall be addressed by his military or naval title in any convention or meeting of The Legion.

The American Legion shall be absolutely non-political and shall not be used for the dissemination of partisan principles or for the promotion of the candidacy of any person seeking public office or preferment. No candidate for or incumbent of a salaried elective public office shall hold any office in The American Legion or in any Department or Post thereof.

Each member shall perform his full duty as a citizen according to his own conscience and understanding.

Organization.—The American Legion shall be organized in Departments and these in turn in Posts. There shall be one Department in each state, in the District of Columbia, and in each territory of the United States. The National Executive Committee may establish additional Depart-

ments in territorial possessions of the United States and in foreign countries.

Eligibility.—Any person shall be eligible for membership in The American Legion who was regularly enlisted, drafted, inducted or commissioned, and who served on active duty, in the Army, Navy or Marine Corps of the United States at some time during the period between April 6, 1917, and November 11, 1918, both dates inclusive, or who, being a citizen of the United States, at the time of his entry therein, served on active duty in the Naval, Military or Air Forces of any of the Governments associated with the United States during the Great War; provided, that no person shall be entitled to membership (a) who, being in the Army, Navy or Marine Corps of the United States during said period, refused on conscientious, political, or other grounds, to subject himself to military discipline or unqualified service, or (b) who, being in such service, was separated therefrom under circumstances amounting to dishonorable discharge and has not subsequently been officially restored to an honorable status.

There shall be no form or class of membership except an active membership as hereinabove provided.

Organization.—The legislative body of the Legion shall be the National Convention to be held annually at a time and place to be fixed by the preceding National Convention.

In the National Convention each Department shall be entitled to five delegates and one additional delegate for each thousand members whose current dues have been received by the National Treasurer thirty days prior to the meeting of said Convention; and one alternate for each delegate. The delegates shall be chosen at Department Conventions to be held not less than two weeks before the National Convention.

Each delegate shall be entitled to one vote.

The American Legion was incorporated by Congress on September 16, 1919. By 1920, the membership was some 1,400,000, with 6,561 posts. New York had the greatest number of posts, 777, and nine other states had more than 200 posts each. There were four posts in Alaska, five in Hawaii, one in Cuba, one in Panama, one in Mexico, one in the Philippine Islands, one in France, one in England and one in Canada.

Americanism, defined by President—
Roosevelt, 6915.
Wilson, 8222.

Americanization, training for, urged, 194.

American National Red Cross. (See Red Cross, American National.)

American Party.—From the beginning of the government, movements against aliens have been common. In New York City, a center of foreign population, this subject had, from time to time, been agitated, and after a period of success in 1844, it had again sunk out of view. About 1852, when the Whig Party was breaking asunder, a secret, oath-bound organization, said to have been called "The Sons of '76," or "The Order of the Star-Spangled Banner," was formed. Those of its members that had not been admitted to the higher degrees were kept in ignorance of the aims and name of the organization, and their constant answer of "I don't know" to questions regarding the society gave them the title of "Know-Nothings." All meetings of the party were secret. It carefully avoided the subject of slavery, and attempted to draw the voters that were tired of agitation on that subject by confining itself to vigorous opposition to Catholics and aliens. Its principle was "Americans must rule America."

The first national convention of the party met in February, 1856. It favored more stringent naturalization laws; opposed foreign immigration suffrage and office-holding by foreign-born citizens; opposed the withdrawal of the Bible from the public schools. Millard Fillmore, of New York, was nominated for President and Andrew Jackson Donelson for Vice-President. These nominations were endorsed by a Whig convention in September. Fillmore carried but one state, Maryland, while his total popular vote was about 850,000.

In 1860 Presidential candidates were again nominated, but under another name. (*See Constitutional Union Party.*) After Fillmore's defeat, the party in 1857 carried the State elections in Rhode Island and Maryland, and in 1859 it was still represented by a few members in Congress. (*See Anti-Masonic Party.*)

The second party of this name was founded on opposition to secret societies, unlike the first, which had itself been such a society. The name was adopted by the members of the National Christian Association when that body began in politics. Its platform demanded prohibition of the sale of liquor, recognition of the Sabbath, the withdrawal of the charters of secret societies and legislative prohibition of their oaths, arbitration of international disputes, the introduction of the Bible into schools, the restriction of land monopolies, resumption of specie payments, justice to the Indians and a direct popular vote for President and Vice-President. James B. Walker, of Illinois, was nominated for President and D. Kirkpatrick for Vice-President. In 1880 nominations were again made; in 1884 the nominee, S. C. Pomeroy, withdrew in favor of St. John, the Prohibition candidate, on his assurance that he "stood on every plank of the American platform."

A third American party was organized by a convention held in Philadelphia, Sept. 16-17, 1887. Its platform declares the "present system of immigration and naturalization of foreigners detrimental to the welfare of the United States; demands amendment of the naturalization laws so as to make fourteen years' residence a prerequisite to citizenship; excludes from citizenship all anarchists, socialists, and other dangerous characters; condemns alien proprietorship in land; grants of land to corporations; reasserts American principles of absolute freedom of religious worship and belief and the permanent separation of Church and State and declares in favor of the enforcement of the Monroe Doctrine.

American Patriotism, Chair of. (See Chair of American Patriotism.)

American Peace Society.—One of the oldest organizations in the United States for the promotion of international peace. It was organized in New York City, on May 8, 1828, being formed by the merger of many state and local societies, of which the oldest, the New York, dated back to 1815. The organization did not take a pacifist position in the struggle of the United States against the Central Powers, but supported the prosecution of the war.

American Protective Association.—While disclaiming to be a political party, this

association, popularly known as the A. P. A., has influenced results in many localities. Its principles, as set forth in a platform adopted at Des Moines, Iowa, in 1894, are (1) protection of our nonsectarian free public-school system; (2) no public funds or property to be used for sectarian purposes; (3) preserving and maintaining the Constitution and Government of the United States; (4) restriction of immigration, and (5) extension of time required for naturalization. The association was organized in 1887, and soon had well-attended councils in nearly every State of the Union.

American Railway Express Company (see also Express Service), Government possession of:
Assumed, 8632.
Ended, 8805.

American Registry, foreign-built ships admitted to, 8006.
Law for, suspended, 8354.

American Relief Administration for European food relief, 8690.

American Republics:
Arbitration by United States among, 7771, 7789.
Attitude of United States toward, discussed by President—
Roosevelt, 6923.
Taft, 7786.
Wilson, 8103.
Conference of, 7057.
Conventions with, for—
Arbitration of pecuniary claims, 7982.
Protection of patents, 7984.
Cooperation for national defence, 8104.
International Union of, proposed building for, 6824.
Mutual understanding among, 8071.
Sanitary convention of, report of, 6737, 6823.

American Republics, Bureau of the International Union of. (See also Pan-American Union, International American Conference.)

American Republics, Bureau of:
Buildings of, 6824.
Bulletins of, transmitted, 5678, 5785.
Collection by governments of debts due their citizens, from other countries, by force of arms, referred to The Hague Tribunal by, 7061.
Conference at Rio Janeiro, visited by Secretary of State Root, 7058.
Discussed, 6338, 6349, 6381, 6436.
Report of, transmitted, 5647, 5769, 5907, 6001, 6099, 6183, 6349.
Work of, discussed, 7125, 7231.

American Rights Committee. (See Preparedness Societies.)

American Seamen. (See Seamen, American.)

American Society of Mechanical Engineers, memorial of, relating to Ericsson transmitted, 5565.

American Sugar Refining Company, beneficiary of customs frauds, 7426.

American System.—In his annual message, December, 1848, President Polk discussed what its authors and advocates called the "American system" (2504). He insisted that this so-called system was founded on a departure from the earliest policy of the Government; that it depended on an enlargement of the powers of the Federal Government by construction and was not warranted by a just interpretation of the Constitution. One branch of the new system, it was claimed, was the establishment of a large national bank. The next branch was a high protective tariff, levied not to raise the revenue needed, but for protection merely; the next was a comprehensive scheme of internal improvements, and finally a plan for the distribution of the proceeds of the sales of the public lands among the States. But the term "American system," as most generally understood, is used to denote the policy of protection to home industries by means of high duties on imports. The term was probably first used by Henry Clay in the debates which preceded the enactment of the tariff law of 1824, when he called his plan of protective duties and internal improvements the "American system."

American Union Against Militarism. (See Peace Societies.)

American Wood Preserving Co., purchase of machinery from, referred to, 4676.

Amistad Case.—The case of the United States against the Spanish vessel, *Amistad.* A cargo of kidnapped Africans who had been landed near Havana, Cuba, by a Portuguese slaver, was shortly afterwards placed aboard the Spanish vessel *Amistad* for shipment to Puerto Principe. On the voyage the negroes took possession of the vessel and ordered the crew to return to Africa; but the sailors brought her into American waters, where, off the coast of Long Island, she was captured by a United States war vessel and carried into New London, Conn., Aug. 29, 1839. On a libel for salvage the Supreme Court of the United States held on appeal that the negroes, having been kidnapped from a foreign country, were free men, and could not be bound by treaties with Spain.

Amistad, The:
Appropriations for claimants in case of, recommended, 2401, 2742, 2977, 3042, 3092.
Claims arising out of, 2634, 2720.
Negroes taken on board, referred to, 1856.
Reference to, 2128, 3172.
Release of, demanded by Spanish minister, 1805.

Amity.—From the literal meaning, "friendship," the word is employed in international relations to indicate friendly understanding and co-operation; applied especially in connection with treaties, as a treaty of amity, or a treaty of amity and commerce.

Ammonia Industry licensed, 8428.

Ammunition. (See Arms and Ammunition.)

Amnesty.—An act of pardon for political offenses. The effect of it is that the crimes

and offenses against the State specified in the acts are so obliterated that they can never again be charged against the guilty parties. When amnesty is proclaimed without restriction as to persons or localities it is called absolute. Numerous instances of qualified amnesty are found in ancient and modern history. When Thrasybulus overthrew the oligarchy at Athens he proclaimed an amnesty, excepting thirty tyrants and a few of their followers. President Lincoln's first amnesty proclamation excepted all officers or agents of the Confederate government, all army officers above the rank of colonel, all naval officers above the rank of lieutenant, all persons who left the service of the United States to participate in the insurrection, and all those who had resigned from the military or naval service and afterwards participated in rebellion; also all those who had treated colored persons or those in charge of them otherwise than as prisoners of war (3414). Dec. 25, 1868, President Johnson proclaimed absolute amnesty (3906).

Amnesty (see also Pardons):
- For insurgent Filipinos, 6690.
- For persons under suspended sentences, proclaimed by President Wilson, 8317.
  - Explained, 8318.
- Proclamation of President Lincoln, 3414.
  - Discussed, 3390, 3455.
  - Persons entitled to benefits of, defined, 3419.
  - Referred to, 3508.
- Proclamation of President Roosevelt, 6718.
- Proclamations of President Johnson, 3508, 3745, 3853, 3906.
  - Authority for, discussed, 3895.
  - Circular regarding, 3539.
  - Persons worth more than $20,000 to whom special pardons issued, referred to, 3583.
- Recommendations of President Grant regarding, 4107, 4209.
- Referred to, 3659, 3669, 3722, 3779.

Amphion, H. R. M. S., protects American interests, 6768.

Amphitrite, The, mentioned, 6318.

Amsterdam, Netherlands:
- Accounts of bankers of United States in, rendered, 113.
- Loan contracted with, discussed by President Washington, 120.

Anarchism.—The philosophy which desires a society without forcible government by the state. All agreements between the different groups, local, national and international, in an anarchist state would be voluntary, although it would be necessary for the individual to align himself voluntarily with others in order to facilitate the processes of production and consumption, if he wanted to obtain the benefits of such processes. Ownership of land and capital would be common, and all the agreements by which the individual would bind himself would be constantly subject to revision. The end which anarchism seeks thereby to obtain is the free development of individuality.

Only a certain section of anarchists believe in the propagation of their ideal by the use of force or terrorism, although this branch has unfortunately become identified in the popular mind with the entire group of those holding allegiance to the anarchist ideal.

The philosophy of anarchism has been preached since the earliest days of Greek philosophy but modern anarchism owes its growth to the opinions expressed by Proudhon in the years adjacent to 1840, as developed later by Bakunin. The leading contemporary exponent of anarchism has been Kropotkin.

Anarchism:
- Legislation for suppression of, recommended, 6643, 6644, 7008.
- Supporters of—
  - Criminal nature of, 6643.
  - Exclusion of, from United States, recommended, 6644, 6651, 7008.

Anarchy.—A state of disorder and lack of system, sometimes confused with the philosophy of anarchism (q. v.).

Anarchy in America, denounced by President Wilson, 8391.

Anatolia.—Another name for Asia Minor, which comprises the peninsula at the western extremity of Asia having the Black Sea on the north, the Aegean Sea on the west and the Mediterranean Sea on the south. One of the most famous theatres of ancient history, its present population is in the neighborhood of 9,000,000. It comprised the section of the Turkey before 1914 which was the most largely composed of Turks, who were estimated to be about 7,000,000 strong. In its 200,000 square miles were also in 1914 some 567,000 Armenians, 975,000 other Christians and 180,000 Jews.

Anatolia College (Marsovan, Turkey), partial destruction of by mob, and indemnity paid for, discussed, 5872.

Ancona, note to Austria-Hungary on sinking of, 8117.

Andorra.—A neutral, autonomous and semi-independent state on the frontier of France and Spain in the Eastern Pyrenees. Area, 175 English square miles. Population, about 6,000.

Government and People.—The State is divided into the six communes or parishes of Andorra Vicilla, Canillo, Encamp, Massana, Orvino and San Julian de Loria, which are sub-divided into fifty-two *pueblos;* and is under the joint suzerainty of France and the Spanish Bishop of Urgel. The Andorrans are all Roman Catholics. The people are virile and independent, engaged mainly in pastoral pursuits and agriculture. France has agreed to extend a branch line of railway (from Toulouse to Ax), from Ax southwards to Andorra Vicilla, and Spain to continue the Barcelona-Ripoll line to Andorra Vicilla, which would thus become a station on a Toulouse-Barcelona line across the Pyrenees. The central government is administered by a General Council of twenty-four members (four from each commune), the executive power residing in the Syndic and Vice-Syndic of the Council. The French Republic (through the *préfet* of the Eastern Pyrenees) and the Bishop of Urgel receive a tribute of 960 fr. and 460 fr. respectively. Every

alternate year two delegates visit the *préfet* of the Eastern Pyrenees to pay the tribute and renew the bond of fidelity. The capital is Andorro Vicilla, population 600.

Anglo-American.—An American of English birth or descent. Loosely, any such person who maintains a divided allegiance between England and the United States, with preference for the former.

Angola. (See Portugal.)

Animal Industry, Bureau of.—This bureau of the Department of Agriculture (q. v.) makes a study of diseases of animals, including chemical, bacteriological, and zoological investigations. Its activities include dairying and animal breeding and feeding.

The administrative work of the bureau consists of the inspection of import and export animals and of vessels for their transportation; supervision of the interstate movements of cattle and inspection of live stock and their products after slaughter for food consumption; eradication of animal diseases; supervision of serums for use with animals; and management of experimental farms at Beltsville and Bethesda, Md.

Fighting diseases among domestic animals is the important task of this bureau, and some idea of the magnitude of the work may be gained from the statement conservatively made by the officials, estimated on the basis of data for thirty years, that the annual direct losses from animal diseases are approximately $212,000,000. Some of the most virulent diseases are hog cholera, Texas fever and cattle ticks, tuberculosis, contagious abortion, blackleg, anthrax, foot and mouth disease, glanders, scabies of sheep and cattle, parasites, and poultry diseases. The efforts of the bureau have materially lessened all of these.

Inspection of meats by the agents of the Bureau of Animal Industry in one recent year covered a total of 896 establishments, situated in 247 cities and towns in the United States. The number of animals inspected at the time of slaughter was approximately 58,000,000, divided as follows: Cattle, 6,964,000; calves, 1,735,000; goats, 165,000; sheep, 12,900,000; swine, 36,247,000. The carcasses condemned on this inspection and destroyed to prevent their use for human food numbered 290,600.

This bureau co-operates with the state colleges in the formation of boys' pig clubs, and under its patronage these clubs now exist in thirteen states and have a membership of about 10,000. The dairy division of the bureau has for its object the improvement of dairy herds. In this connection co-operative bull associations are formed, and farmers are assisted in the organization of co-operative creameries and furnished advice regarding buildings, equipment, operation and management. When a sufficient number of patrons is reported, with enough cows to make the establishment of a creamery practicable, the department furnishes blue-print plans for a building and machinery with estimates of cost. Practical assistance is given also in creamery management.

Animal Industry, Bureau of:
- Appropriation for, 5887, 5979.
- Inspector and assistant inspector in, recommendation that diplomas and examinations be required of applicants for, 5887.
- Report of, 6734, 6857.
- (See also Agriculture, Department of.)

Animals and Animal Products. (See also Agricultural Products.)
- Commission appointed to report on unhealthfulness of, discussed and recommendations regarding, 4793.
- Contagious diseases among animals discussed, 4578, 4580, 4771, 5112, 5383, 5764, 5887, 6948.
- Exportation of, discussed, 4578, 5554, 5763, 5887, 5978.
- Importation of, into United States—
  - Discussed, 5887.
  - Laws prohibiting, in certain cases recommended, 5197.
  - Proclamation removing prohibition on, 6025.
- Preserves for native animals, recommended, 6911.
- Restrictions upon importation of, into foreign countries—
  - Austria, 4916.
  - Belgium, 5956, 6325.
  - France, 4693, 4758, 4789, 4916, 5194, 5545.
  - Germany, 4758, 4789, 4916, 5957, 6061, 6330.
  - Great Britain, 4519, 5764, 6178.
- Correspondence regarding, referred to, 4979.
- Decrees of—
  - France regarding, 5517.
  - Germany, France, Belgium, and Denmark regarding, 6100.
- Discussed, 4947, 5554, 5641.
- Removed, 5616, 5641, 5763.

Annals of Congress.—A record of the debates and proceedings of Congress from the commencement of the First Congress, March 4, 1789, to the close of the first session of the Eighteenth Congress, May 27, 1824. The Annals also contain many valuable State papers, public documents, laws, and much correspondence. (See Congressional Globe; Congressional Record; Register of Debates.)

Annam.—A French protectorate in China, forming a part of French Indo-China.

Annapolis, Md.:
- Act for erection of public building at, reasons for applying pocket veto to, 5071.
- Naval Academy at. (See Naval Academy.)

Annexation.—After the adoption of the Federal Constitution the individual states ceded to the United States all territory west of the lines they established as their western boundaries. In the original charters this territory extended nominally to the Pacific Ocean, but really only to the Mississippi River, for Louisiana and Florida were Spanish possessions. In 1800 Louisiana was retroceded by Spain to France, and was acquired by the United States from the latter April 30, 1803, by payment of $15,000,000. The territory embraced all of the present State of Louisiana lying west of the Mississippi River, together with New Orleans and the adjacent district east;

Arkansas, Missouri, Iowa, a portion of Idaho and Minnesota, all of the Dakotas, most of Kansas, all of Nebraska and Indian Territory, part of Colorado, most of Wyoming, and the whole of Montana, and contained 1,171,931 square miles. Feb. 22, 1819, Florida was ceded to the United States by Spain for $5,000,000. Texas, which had for nine years existed as an independent Republic, was added to the United States as a State Dec. 29, 1845. As a result of the Mexican War and the payment of $18,250,000 to Mexico and $10,000,000 to Texas, territory including what are now California and Utah and portions of New Mexico, Nevada, Arizona, Wyoming and Colorado was added, and later the southern part of Arizona and New Mexico were by the Gadsden Treaty purchased from Mexico. Alaska was acquired in 1867 by purchase, the price being $7,200,000, and Hawaii in 1898 by treaty. By the Treaty of Paris, between the United States and Spain at the close of the Spanish-American War, Dec. 10, 1898, the Philippine Islands; Guam, of the Ladrone Islands, Puerto Rico, and the Isle of Pines were ceded to the United States. Tutuila, Tau, Onesinga and Ofu, of the Samoan group, were acquired in 1899 by treaty with Great Britain and Germany. Wake and other small islands in the Pacific were taken in 1899. The Panama Canal Zone (see Panama Canal) was acquired in 1903. The Danish West Indies, re-christened the Virgin Islands, were acquired by purchase from Denmark on March 31, 1917.

Annopon Island. (See Spain.)

Annual Addresses of President—
- Adams, John, 240, 261, 279, 295.
- Washington, 57, 73, 95, 117, 130, 154, 174, 191.
- Wilson, 7906, 8015, 8102, 8183, 8399, 8637.

Annual Messages of President—
- Adams, John (addresses), 240, 261, 279, 295.
- Adams, J. Q., 865, 916, 944, 973.
- Arthur, 4624, 4713, 4757, 4822.
- Buchanan, 2967, 3028, 3083, 3157.
- Cleveland, 4909, 5082, 5165, 5358, 5866, 5955, 6058, 6146.
- Fillmore, 2613, 2649, 2699.
- Grant, 3981, 4050, 4096, 4138, 4189, 4238, 4286, 4353.
- Harrison, Benj., 5467, 5542, 5615, 5741.
- Hayes, 4410, 4444, 4509, 4553.
- Jackson, 1005, 1063, 1107, 1154, 1238, 1316, 1366, 1455.
- Jefferson, 314, 330, 345, 357, 370, 393, 413, 439.
- Johnson, 3551, 3643, 3756, 3870.
- Lincoln, 3245, 3327, 3380, 3444.
- McKinley, 6251, 6307, 6356, 6416.
- Madison, 458, 467, 476, 499, 519, 532, 547, 558.
- Monroe, 580, 608, 623, 642, 667, 754, 776, 817.
- Pierce, 2740, 2806, 2860, 2930.
- Polk, 2235, 2321, 2382, 2479.
- Roosevelt, 6641, 6709, 6784, 6894, 6973, 7023, 7070, 7198.
- Taft, 7409. 7492, 7644, 7766.
- Taylor, 2547.
- Tyler, 1927, 2047, 2110, 2187.
- Van Buren, 1590, 1700, 1746, 1819.
- Washington (addresses), 57, 73, 95, 117, 130, 154, 174, 191.
- Wilson, 8810.

Antarctic Regions.—Lands discovered within Antarctic regions are almost everywhere inaccessible. Recent explorations have determined the character of the polar region as an elevated land-mass of continental proportions, containing beds of coal and other mineral wealth. Antarctic regions as compared with Arctic are remarkable for low temperature. While icebergs from Arctic Ocean are carried south as far as the 40th parallel, bergs and floes from Antarctic are found, even in summer, 10 or 15 degrees nearer the equator. In the warmest part of midsummer the temperature is practically at freezing point. The entire region is within the snow line.

Explorations—Cook (1772) reached lat. 71° 10′ S.; Weddell (1823) lat. 74° S.; Ross (1841-42) lat. 78° 10′ S.; sighted a land with mountain ranges 7,000 to 15,000 feet high; traced coast from 72d parallel 800 miles S. and W.; named it Victoria Land; on it observed an active volcano, Mt. Erebus (13,300 feet). A Belgian expedition, De Gerlache commandant (1899), reached lat. 71° 36′ 5″. Borchgrevink (1898-1900) reached lat. 78° 34′; Scott (1902) lat. 82° 17′; Shackleton (1909) lat. 88° 23′, expedition located S. Magnetic Pole at 72° 25′ S. 155° 16′ E. Amundsen discovered the south pole in 1912.

For a description of the discovery of the South Pole, see the article, South Polar Regions.

Anthracite Coal:
- Investigation of industry urged by President Roosevelt, 7288.
- Removal of tariff on, urged, 6714.
- Strike commission, report of, 6737.

Anti-Federalists.—A political party which opposed the adoption and ratification of the Constitution. Its fundamental principle was opposition to the strengthening of the National Government at the expense of the States. George Clinton, George Mason, and Patrick Henry were its leaders. Their strength was shown in the First and Second Congresses. They opposed Hamilton and his followers and championed a strict construction of the Constitution as against monarchial federalism. They later became merged into the Republican party, under the leadership of Jefferson. There have been many political parties, termed "antis." As their names imply, they have opposed some specific measure, organization, or person. Though acting as political parties, they are not such in the strict sense of the word, for they have no affirmative policy and their claims are negative. Organized with specific purpose to oppose, they disappear with the issue. Prominent among quasi parties have been the Anti-Lecompton, Anti-Masonic, Anti-Monopoly, Anti-Nebraska, and Anti-Renters.

Anti-Masonic Party.—In 1826 William Morgan and David C. Miller, of Batavia, N. Y., announced that they were about to publish an exposé of Free-masonry. Before the book was produced Morgan was arrested for debt and confined in the jail at Canandaigua, whence he disappeared on the night of Sept. 12, 1826. It was charged, but never shown to be true, that he had been foully

dealt with by members of the Masonic order, as all attempts to discover his whereabouts were unavailing. The oft-reiterated charges aroused a bitter opposition to the order, and Thurlow Weed began the publication of the Anti-Masonic *Enquirer* at Rochester.

In 1827 a convention was held by the Anti-Masons of Genesee County at Le Roy, N. Y., and a political party organized. It was claimed that many of the State officials were Masons and regarded their fraternal obligations as more binding than their civil oaths. The Anti-Masonic feeling grew rapidly. The party cast 33,000 votes in New York State in 1828, 70,000 in 1829, and 128,000 in 1830, though many of the latter were anti-Jackson men regardless of Masonry.

In September, 1830, a national convention met at Philadelphia, Francis Granger, of New York, presiding. In 1831 they nominated William Wirt for President, but carried only the State of Vermont. In 1835, through a Democratic split, they elected Joseph Ritner governor of Pennsylvania. After this date the Anti-Masonic party declined as rapidly as it had arisen.

Anti-Monarchical.—Opposed to a monarchial form of government.

Anti-Monopoly Party.—The Anti-Monopoly Organization of the United States met at Chicago, May 14, 1884, and nominated Benjamin F. Butler, of Massachusetts, for the Presidency. It adopted a platform demanding economical government, and the enactment and enforcement of equitable laws, including an Interstate Commerce Law (one has since been enacted), establishing Labor Bureaus, providing Industrial Arbitration, a direct vote for Senators, a graduated income tax, payment of the national debt as it matures, and "fostering care" for agriculture; while it denounced the tariff and the grant of land to corporations. Their nominee was also selected by the Greenback Labor party, the joint ticket being known as the People's party. It polled 130,000 votes.

Anti-Nebraska.—Opposed to the Kansas-Nebraska act (q. v.).

Anti-Saloon League. — The federation of the forty-eight state organizations opposed to the manufacture and sale of alcoholic liquors and largely responsible for the advent of national prohibition in the United States, together with as much state prohibition as existed before 1919. With a staff of more than 1,000, it cooperated in the pre-prohibition days with numerous other temperance organizations. It was non-political in character, preferring to exert its influence through the other political parties. It was organized in 1895.

Anti-Trust Law.—In 1887 Congress enacted the Interstate Commerce Law, having for its purpose the regulation and control of the business of common carriers engaged in commerce between the States. The main object of this law was to prevent favoritism and unfair discrimination in freight rates, which had, it was claimed, contributed largely to the upbuilding of trusts and monopolistic enterprises and worked to the disadvantage of smaller competing concerns. This was amended and passed in 1890 as the Sherman Anti-Trust Law. It provides that all contracts, combinations in form of trusts or otherwise, or conspiracies in restraint of interstate or international commerce are illegal, and that all persons participating in such agreement, combination or conspiracy are guilty of a misdemeanor and subject to a penalty for violation of the act. The statute also provides that all goods in transportation in violation of the act may be seized and forfeited by the Government, and that injunction proceedings may be brought by the Attorney-General under the act. Although supplemental acts were passed in 1903, on the recommendation of the Attorney-General, the Sherman law was found ineffectual in the purposes for which it was intended, *i. e.*, restraining the growth of monopolies or trusts, so-called, and that it operated against both reasonable and unreasonable restraints of trade, and prohibited all combinations, both good and bad. Further criticism of the law was invoked when the Supreme Court decided that a trade union boycott was a conspiracy in restraint of trade.

The law creating the Department of Commerce and Labor provided for a Bureau of Corporations, whose duty it should be to collect data regarding trusts, which might be used in shaping further legislation.

The underlying theory of the Anti-trust legislation of the United States is that the law of competition may be relied upon, if not artificially interfered with, to prevent private control of markets. The World War, however, especially after America's entrance into it, was such an artificial interference, with the result that during the war the Government relied to a greater extent upon direct intervention through agencies such as the Food and Fuel Administrations, the Railroad Administration, the War Industries Board, etc., than upon the normal processes of legislation.

The entire status of anti-trust legislation in the United States was altered by the passage of a bill, approved on Sept. 26, 1914, establishing the Federal Trade Commission; and by the passage of the bill, approved on Oct. 15, 1914, known as the Clayton Anti-Trust Law. The articles in the Index under the head of Federal Trade Commission and Clayton Anti-Trust Law must be read carefully for an adequate understanding of the anti-trust situation in the country at the present time.

Following is a complete list of suits brought and prosecutions instituted by the United States under the Sherman Anti-Trust Law. A complete index to the various cases will be found at the end of the article.

PRESIDENT HARRISON'S ADMINISTRATION. —Seven Cases.

[William H. H. Miller, Attorney-General, March 5, 1889, to March 6, 1893.]

1. *United States v. Jellico Mountain Coal Company.* Suit against the members of the "Nashville Coal Exchange," composed of various coal-mining companies operating mines in Kentucky and Tennessee, and of persons and firms dealing in coal in Nashville, formed for the purpose of fixing prices and regulating the output of coal. A preliminary injunction was denied on Oct. 13, 1890. Upon full hearing the court, on June 4, 1891, held the combination to be in violation of the anti-trust law and enjoined the further carrying out of the agreement.

2. *United States v. Greenhut et al.* A proceeding by indictment against the officers of the Distilling and Cattle Feeding Co. (Whisky Trust) for an alleged violation of the anti-trust law. Indictment quashed, as allegations were held not to constitute an offense under the statute.

2a. *In re Corning.* Application for a warrant of removal from Ohio to Massachusetts to answer to the indictment found in

the Greenhut case. Application denied and prisoner discharged.

2b. *In re Terrell.* Application for a writ of habeas corpus to secure a discharge from arrest and detention upon a warrant for removal from New York to Massachusetts to answer to the indictment found in the Greenhut case. Petitioner discharged.

2c. *In re Greene.* Petition for writ of habeas corpus to secure release from the custody of the marshal, by whom he was held awaiting an order for the removal of Greene to Massachusetts to answer to the indictment in the Greenhut case. Prisoner discharged.

3. *United States v. Nelson.* Indictment of a number of lumber dealers for conspiring together to raise the price of lumber in violation of the anti-trust law. Demurrer to indictment sustained, the court holding that an agreement between a number of dealers to raise prices, unless they controlled nearly the entire commodity, could not operate as a restraint of trade under the act.

4. *United States v. Trans-Missouri Freight Association.* Bill filed Jan. 6, 1892, to enjoin the operations of a combination of railroads engaged in interstate commerce, formed for the purpose of maintaining "just and reasonable rates," etc. Bill dismissed by Circuit Court; decree of dismissal affirmed by Circuit Court of Appeals; reversed by Supreme Court March 22, 1897. June 7, 1897, final decree dissolved association, granted relief prayed for.

5. *United States v. Workingmen's Amalgamated Council of New Orleans et al.* Suit to restrain defendants, a combination of workmen, from interfering with interstate and foreign commerce, in violation of the anti-trust law. The injunction was granted and the law held to apply to combinations of laborers as well as capitalists. This decree was affirmed by the Circuit Court of Appeals.

6. *United States v. Patterson et al.* Cash register case. Indictment of members of a combination formed for the purpose of controlling the price of cash registers. A demurrer was sustained as to certain counts of the indictment and overruled as to others and leave granted to file special demurrers to the counts which were sustained. The special demurrers were heard on June 1, 1893, and the demurrers overruled, the court adhering to its former ruling. Letter of Attorney-General dated Oct. 16, 1893, shows case was allowed to lapse because of reconciliation of complaining witness with defendants.

7. *United States v. E. C. Knight Company* (Sugar Trust). Bill in equity to enjoin the operations of the Sugar Trust, charged with a violation of the anti-trust law. The bill was dismissed Jan. 30, 1894. Appeal was taken to the Circuit Court of Appeals and the decree affirmed. From this decision an appeal was taken to the Supreme Court of the United States, where, the decree of dismissal was affirmed.

PRESIDENT CLEVELAND'S SECOND ADMINISTRATION.—Eight cases.

[Richard Olney, Attorney-General, March 6, 1893, to June 7, 1895; Judson Harmon, Attorney-General, June 8, 1895, to March 5, 1897.]

1. *United States v. Eugene V. Debs et al.* Petition filed on July 3, 1894, in the United States Circuit Court for the District of Indiana, seeking to restrain interference by American Railway Union and forty-nine individual defendants with mails and interstate commerce carried by all railroads operating in Indiana. An injunction was issued on July 3, 1894, which was continued in force until September 19, 1898, when the case was dismissed at the instance of the Government.

1a. *United States v. Agler.* Information charging contempt of court in disobeying in injunction restraining Agler and others from interfering with interstate commerce and obstructing the mails. Information quashed. It was charged that Agler was a member of the American Railway Union, the members of which order were on a strike and had been enjoined under the anti-trust law from interfering with the carrying of the mails and from obstructing interstate commerce. Information quashed. This is one of the "Debs" cases.

2. *United States v. Elliott.* Suit to restrain Elliott, Debs, and other members of the American Railway Union, from carrying out their unlawful conspiracy to interfere with interstate commerce and to obstruct the carrying of the mails, in violation of the anti-trust law. Preliminary injunction granted. A demurrer to this bill was overruled. Final decree entered April 6, 1896, against 295 defendants, and temporary injunction made permanent.

3. *United States v. Debs et al.* Petition filed on July 2, 1894, in the Circuit Court for the Northern District of Illinois, alleging conspiracy to obstruct the mails and to interfere with interstate commerce. A temporary injunction was issued on July 2, 1894, for violation of which contempt proceedings were instituted. Original petition dismissed on July 28, 1899, at the instance of the Government.

3a. *United States v. Debs et al.* Proceedings in contempt to punish Debs and others for disobeying an injunction restraining them from interfering with interstate commerce and with obstructing the mails, by means of a conspiracy, in violation of the anti-trust law. Defendants found guilty and punished.

3b. *In re Debs, petitioner.* Proceedings instituted July 2, 1894. Application for a writ of habeas corpus to secure a discharge from imprisonment for disobeying an injunction of the Circuit Court for the Northern District of Illinois, restraining Debs and others from conspiring to interfere with interstate commerce, in violation of the anti-trust law. Petition for the writ denied.

4. *United States v. Cassidy.* Cassidy and others were indicted under section 5440, United States Revised Statutes, for conspiring to commit offenses against the United States, which acts consisted in a combining and conspiring to restrain trade and commerce between the States, in violation of the anti-trust law, and grew out of the Pullman strike in California. The trial lasted five months and resulted in a disagreement of the jury. A *nolle prosequi* entered July 1, 1895.

5. *United States v. Moore.* Indictment of the members of an association of dealers in coal at Salt Lake City for entering into a conspiracy to regulate the price of coal. Indictment returned Nov. 4, 1895. Moore was tried and convicted in the District Court of Utah upon this indictment. The Circuit Court of Appeals reversed the judgment of conviction, for the reason that upon the admission of Utah as a State it was no longer a "Territory" within the meaning of the anti-trust act, and the combination was not in restraint of interstate commerce, and the court therefore had no jurisdiction of the offense.

6. *United States v. Joint Traffic Association.* Suit instituted Jan. 8, 1896. Bill in equity to enjoin the alleged violation of the anti-trust law by a combination of railroads. The Circuit Court dismissed the bill, and the Court of Appeals affirmed the action of the Circuit Court. These judgments were reversed by the United States Supreme Court. On March 3, 1899, a decree was entered enjoining the defendants from observing the agreement or articles of organization entered into.

7. *United States v. Addyston Pipe and Steel Company.* Suit instituted Dec. 10, 1896. Bill in equity to enjoin the operations of the Cast-Iron Pipe Trust, which attempted to control the price of cast-iron pipe. The bill was dismissed by the Circuit Court. The Circuit Court of Appeals reversed the decree of the Circuit Court and remanded the case, with instructions to enter a decree for the Government. On appeal to the Supreme Court the action of the Circuit Court of Appeals was affirmed.

8. *United States v. Hopkins et al.* Suit instituted Dec. 31, 1896. Bill to restrain the operations of the "Kansas City Live Stock Exchange," organized to control the shipments of live stock. The injunction was granted, but on appeal the Supreme Court reversed the decree of the Circuit Court and remanded the case, with instructions to dismiss the bill.

PRESIDENT MCKINLEY'S ADMINISTRATION. —Three cases.

[Joseph McKenna, Attorney-General, March 5, 1897, to June 25, 1898; John W. Griggs, Attorney-General, June 25, 1898, to March 29, 1901; Philander C. Knox, Attorney General, April 5, 1901, to Sept. 14, 1901.]

1. *United States v. Anderson.* Bill in equity to restrain the operations of "The Traders' Live Stock Exchange," of Kansas City, an association formed for the purpose of buying cattle on the market. This suit was instituted June 7, 1897, in the Circuit Court of the United States for the Western District of Missouri. Decree of temporary injunction was granted and the case appealed to the Circuit Court of Appeals for the Eighth Circuit. From there it was certified to the Supreme Court of the United States for instructions upon certain questions, under the provisions of section 6 of the act of March 3, 1891 (26 Stat., 828). The Supreme Court reversed the decree of the Circuit Court and remanded the case, with directions to dismiss the bill, holding that the acts complained of were not a violation of the anti-trust law.

2. *United States v. Coal Dealers' Association.* Suit brought Dec. 16, 1897. Bill for injunction to restrain the operations of a combination of coal dealers known as the "Coal Dealers' Association of California." A temporary injunction was granted from which no appeal was taken and final decree ordered May 2, 1899, granting relief prayed for.

3. *United States v. Chesapeake and Ohio Fuel Company et al.* Bill filed May 8, 1899, to annul a contract and dissolve a combination of producers and shippers of coal in Ohio and West Virginia, engaged in mining coal and making coke intended for "Western shipment," under agreement to sell the same at not less than a memorandum price, to be fixed by an executive committee appointed by the producers. Defendants enjoined, contract declared void and illegal and decree ordering dissolution of combination was entered on November 22, 1900.

PRESIDENT ROOSEVELT'S ADMINISTRATION. —Forty-four cases.

[Philander C. Knox, Attorney-General, Sept. 14, 1901, to June 30, 1904; William H. Moody, Attorney-General, July 1, 1904, to Dec. 16, 1906; Charles J. Bonaparte, Attorney-General, Dec. 17, 1906, to March 4, 1909.]

1. *United States v. Northern Securities Co., Great Northern R'y Co., Northern Pacific R'y Co. et al.* This suit was brought on March 10, 1902, in the Circuit Court of the United States for the District of Minnesota, to enjoin the defendant, the Northern Securities Co., from purchasing, acquiring, receiving, holding, voting, or in any manner acting as the owner of any of the shares of the capital stock of the two defendant railway companies, and to restrain the defendant railway companies from permitting the securities company to vote any of the stock of said railways, or from exercising any control whatsoever over the corporate acts of either of said railway companies, it being charged that the securities company was formed for the purpose of acquiring a majority of the capital stock of the two railway companies in order that it might in that way effect practically a consolidation of the two companies by controlling rates and restricting and destroying competition, in violation of the Sherman Anti-Trust Law. The Circuit Court on April 9, 1903, entered a decree in favor of the Government as prayed for in the petition, and this decree was, on March 14, 1904, affirmed by the Supreme Court of the United States.

2. *United States v. Swift & Co. et al.* Suit brought on May 10, 1902, in the Circuit Court of the United States for the Northern District of Illinois to restrain the defendants (commonly known as the Beef Trust), who are engaged in the buying of live stock and the selling of dressed meats, from carrying out an unlawful conspiracy entered into between themselves and with the various railway companies, to suppress competition and to obtain a monopoly in the purchase of live stock and in the selling of dressed meats. A preliminary restraining order was granted on May 20, 1902. The defendants having demurred to the bill, the court, after hearing, on April 18, 1903, overruled the demurrers and granted a preliminary injunction. The defendants having failed to answer, the court, on May 26, 1903, entered an order making the decree final and perpetually enjoining the further operations of the trust. The defendants, on Aug. 14, 1903, appealed from the final decree of the Circuit Court to the Supreme Court of the United States, where decree was affirmed Jan. 30, 1905.

3. *United States v. The Federal Salt Company et al.* Suit brought in the Circuit Court of the United States for the Northern District of California, on Oct. 15, 1902, to restrain the defendants (known as the Salt Trust) from unlawfully combining and conspiring to suppress competition in the manufacture and sale of salt in the States west of the Rocky Mountains, in violation of the Sherman Anti-Trust Law. A temporary restraining order was issued on that date, and the cause coming on for hearing, the court, on Nov. 10, 1902, granted an injunction *pendente lite*, thus, in effect, making the restraining order perpetual. No appeal was taken from this order.

4. *United States v. The Federal Salt Company.* On Feb. 28, 1903, the grand jury for the United States District Court for the Northern District of California re-

turned an indictment against the Salt Trust for having violated the anti-trust law. On May 12, 1903, the trust pleaded guilty, and the court sentenced it to pay a fine of $1,000, which was paid.

5. *United States v. Jacksonville Wholesale Grocers' Association.* A proceeding in equity, instituted on Sept. 12, 1903, in the United States Circuit Court for the Southern District of Florida, for the purpose of dissolving a combination of wholesale grocers operating in violation of the anti-trust law, Nov. 1, 1907, dismissed.

6. *United States v. General Paper Co. et al.* Dec. 27, 1904, a bill in equity was filed in the Circuit Court of the United States for the District of Minnesota against the General Paper Co. and twenty-three other corporations engaged in the manufacture and sale of paper, alleging that they had entered into combination and conspiracy to restrain trade and commerce in the manufacture of news print, manila, fiber, and other papers by making the General Paper Co. their common sales agent. On May 11, 1906, the court ordered judgment in favor of the Government, dissolving the combination and affording all relief prayed for in the bill.

7. *United States v. Armour & Co. et al.* After the affirmance by the Supreme Court of the decree of the Circuit Court in United States v. Swift & Company (above referred to) complaints from various quarters were made to the department that the combination still continued. The department there upon began an exhaustive inquiry before the grand jury for the northern district of Illinois, which resulted in the return of an indictment on July 1, 1905, against Armour & Co., J. Ogden Armour, president; Patrick A. Valentine, treasurer; Arthur Neekler, general manager; Thomas J. Connors, superintendent, and Samuel A. McRobert, assistant treasurer, of Armour & Co.; the Armour Packing Co., and Charles W. Armour, president; Swift & Co., and Louis F. Swift, president; Lawrence A. Carton, treasurer; D. Edwin Hartwell, secretary, and Albert H. Veeder and Robert C. McManus and Arthur F. Evans, agents of Swift & Co.; the Fairbank Canning Co., and Edward Morris, vice-president; Ira N. Morris, secretary of the Fairbank Canning Co.; the Cudahy Packing Co., and Edward A. Cudahy, vice-president and general manager of the Cudahy Packing Co.

Against this indictment many preliminary objections were urged. All were disposed of in favor of the Government, except certain special pleas of immunity in bar, based upon information concerning the matters for which the defendants were indicted, which they had given to the Department of Commerce and Labor. The court sustained the pleas so far as the individual defendants were concerned and overruled them with respect to the corporations. Nolle prosequi entered February 5, 1913.

8. *United States v. MacAndrews & Forbes Company et al.* In June, 1906, the grand jury returned an indictment against the MacAndrews & Forbes Co., the J. S. Young Co., a corporation of Maine, and Karl Jungbluth and Howard E. Young, their respective presidents, for illegally combining and conspiring to regulate the interstate trade and sale in licorice paste, an article used in the manufacture of plug and smoking tobacco, snuff, and cigars. Defendants entered pleas of not guilty, with leave to withdraw or demur on or before July 9, 1906. July 9, 1906, demurrers filed by all of the defendants. Dec. 4, 1906, demurrers overruled. Dec. 19, 1906, trial commenced. Jan. 10, 1907, MacAndrews & Forbes Co. was found guilty on first and third counts of indictment, the J. S. Young Co. guilty on first and third counts; verdict of acquittal as to individual defendants. MacAndrews & Forbes Co. fined $10,000. J. S. Young Co. fined $8,000.

8a. *The Tobacco Trust Cases.* (*Hale v. Henkel; McAlister v. Henkel.*) These cases grew out of an investigation by a Federal grand jury in the Southern District of New York of the American Tobacco Co. and the MacAndrews & Forbes Co., believed to be violating the anti-trust laws, the matter having been brought to the attention of the grand jury by the officers of the Department of Justice, special counsel having been appointed for the purpose of investigation and prosecution. Subpœnas *duces tecum* were served upon the officers of the companies directing them to produce papers and other documentary evidence belonging to the corporations. They refused to obey the subpœna to answer questions propounded to them. The Circuit Court adjudged them in contempt and committed them until they should produce the books and answer the questions. They applied to another judge of the same court for writs of habeas corpus, which, upon hearing, were discharged. Upon appeal the Supreme Court affirmed the orders denying the writs.

9. *United States v. Metropolitan Meat Company et al.* Bill filed in equity in October, 1905, in the United States Circuit Court for Hawaii, to restrain the operation of alleged unlawful combinations in restraint of the trade in beef and beef products. Demurrer to bill overruled Oct. 2, 1906. Case subsequently dismissed.

10. *United States v. Nome Retail Grocers' Association.* Nov. 4, 1905, the department directed the United States attorney for the Second Division of Alaska to file a bill in equity against the Nome Retail Grocers' Association, alleging a combination to fix prices and to suppress competition. Suit was promptly instituted, whereupon the defendants agreed to the entry of a decree granting all the relief prayed for in the petition. A decree dissolving the combination was entered accordingly.

11. *United States v. Terminal Railroad Association of St. Louis et al.* Petition filed in Circuit Court of United States for the Eastern District of Missouri on Dec. 1, 1905, to enjoin the defendant railroads from continuing an unlawful combination entered into between them to operate Eads Bridge and Merchants Bridge as a common agency of interstate commerce. Upon disagreement of Circuit Judges case was carried to the Supreme Court and was remanded by that court for further proceedings. The petition was then dismissed by the Circuit Court, and an appeal was taken to the Supreme Court, where, on April 22, 1912, the decree of the Circuit Court was reversed, and the case remanded with directions to enter a decree in conformity with the opinion of the Supreme Court. A controversy having arisen as to whether the district judge or the three circuit judges had jurisdiction a writ of prohibition was filed against the district judge, which was sustained by the Supreme Court. A final decree was entered by the circuit judges on January 29, 1914. Because of doubt whether this decree fulfilled mandate and decree of the Supreme Court, the case was again taken to the Supreme Court, which ordered first paragraph to be modified. Order carried out in decree dated January 29, 1917.

12. *United States v. Allen & Robinson et al.* Bill filed in October in United States Circuit Court for the District of Hawaii, alleging unlawful combination to control the trade in lumber in that Territory. Answers filed Jan. 2, 1906. Decision adverse to Government and petition ordered dismissed March 30, 1911.

13. *United States v. Otis Elevator Co. et al.* Bill filed March 7, 1906, in the United States Circuit Court for the Northern District of California against the Otis Elevator Co. and a number of other corporations and individuals, in which it was alleged that they were maintaining a combination in restraint of trade in the matter of the manufacture and sale of elevators. June 1, 1906, a decree was entered by consent dissolving the combination and granting the relief prayed.

14. *United States v. F. A. Amsden Lumber Company et al.* Indictment returned in the District Court of Oklahoma May 4, 1906, for violation of the Sherman Act in restricting competition and maintaining prices in the sale of lumber. May 13, 1907, change of venue granted to Grant County. Sept. 25, 1907, pleas of guilty and fines imposed aggregating $2,000, which were paid.

15. *United States v. National Association of Retail Druggists et al.* Bill in equity filed May 9, 1906, in the United States Circuit Court for the District of Indiana against the National Association of Retail Druggists, alleging a combination in restraint of interstate trade in the sale of drugs and proprietary medicines. May 9, 1907, final decree entered by agreement, giving the Government all the relief prayed for in the petition.

16. *United States v. Virginia-Carolina Chemical Company et al.* May 25, 1906, the Federal grand jury for the Middle District of Tennessee, upon information furnished by the Department of Justice, returned an indictment against thirty-one corporations and twenty-five individuals engaged in the fertilizer business in the States of North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, and Tennessee, charging them with engaging in a conspiracy in violation of the Federal anti-trust act and with conspiring to commit an offense against the United States, viz., the aforesaid conspiracy, in violation of section 5440 of the Revised Statutes. The fertilizer manufacturers combined to fix the price of fertilizers in the territory mentioned and to apportion the trade among themselves according to an agreed percentage. July 11, 1906, all the defendants appealed to the Supreme Court of the United States from an order of the Circuit Court of the Eastern District of Virginia denying the right of habeas corpus and remanding them to the custody of the marshal for removal to the Middle District of Tennessee for trial. The case before the Supreme Court was argued on Dec. 3, 1906, and on March 4, 1907, the judgment of the Circuit Court for the Eastern District of Virginia was reversed and the case remanded to that court for further proceedings in accordance with the opinion of the Supreme Court. April 17, 1908, various motions, pleas in abatement, and demurrers filed. July 3, 1908, certain motions and demurrers overruled, plea in abatement allowed, and indictment quashed.

17. *United States v. American Ice Company et al.* July 12, 1906, indictment returned in the Supreme Court of the District of Columbia, charging an unlawful agreement to control prices and restrict competition in the sale of ice. Nolle prosequi entered August 26, 1912.

18. *United States v. Chandler Ice and Cold Storage Plant et al.* Sept. 19, 1906, indictment returned in the District Court for the Territory of Oklahoma against the Chandler Ice and Cold Storage Plant and others, charging a combination to apportion territory in the matter of the sale of ice. In May, 1907, demurrer was overruled. Case ordered dismissed on April 10, 1911.

19. *United States v. Alfred M. Gloyd et al.* Sept. 21, 1906. indictment returned against Alfred M. Gloyd and others in the District Court for the Territory of Oklahoma, charging a combination to maintain prices and restrict competition in the sale of lumber. Dismissed.

20. *United States v. People's Ice and Fuel Company, a corporation, and W. B. Lount.* Oct. 23, 1906, indictment returned in the District Court for the Territory of Arizona, charging a combination to control prices and restrict competition in the sale of ice. Jan. 5, 1907, trial commenced. Verdict not guilty as to People's Ice and Fuel Co. Trial of Lount continued over term. Oct. 16, 1907, plea in bar filed. Oct. 17, 1907, plea in bar sustained.

21. *United States v. Demund Lumber Company et al.* Oct. 23, 1906, indictment returned in the District Court for the Territory of Arizona, charging a combination to control prices and restrict competition in the sale of lumber. Jan. 2, 1907, trial commenced. Verdict of not guilty as to Demund Lumber Co. Jan. 7, 1907, cases against Chamberlain Lumber Co. and Valley Lumber Co. continued over term. May 8, 1907, motion made to court to instruct for acquittal. Motion argued and taken under advisement. May 9, 1907, motion sustained and verdict of acquittal returned.

22. *United States v. Phœnix Wholesale Meat and Produce Company, a corporation, P. T. Hurley, and S. J. Tribolet.* Oct. 23, 1906, indictment returned in the District Court for the Territory of Arizona, charging a combination to control prices and restrict competition in the sale of meats. Jan. 7, 1907, trial commenced. Verdict of not guilty as to Phœnix Wholesale Meat & Produce Co. Jan. 8, 1907, indictment against Hurley dismissed. Verdict of guilty as to defendant S. J. Tribolet, Jan. 12, 1907. Tribolet sentenced to pay fine of $1,000. Jan. 9, 1907, case against Phœnix Wholesale Meat & Produce Co. dismissed. Appeal to the Supreme Court of the Territory of Arizona. Supreme Court affirmed decision of lower court. Fine paid.

23. *United States v. Standard Oil Company of N. J. et al,* Nov. 15, 1906, bill in equity filed in United States Circuit Court for the Eastern District of Missouri against the Standard Oil Co. and others, in which it is alleged that they are maintaining a combination in restraint of trade in the manufacture and sale of petroleum. Case argued in Circuit Court April, 1909; decision by unanimous court in favor of the Government Nov. 20, 1909. Appealed to Supreme Court; argued March, 1910, reargued January, 1911, and judgment affirmed May 15, 1911.

24. *United States v. T. B. Hogg et al.* Dec. 8, 1906, indictment returned in the District Court for the Territory of Oklahoma, charging a combination and conspiracy in restraint of trade and commerce in the sale of lumber. March 25, 1907, plea of not guilty. Change of judge grant-

ed on application of defendants. Dismissed.

25. *United States v. Atlantic Investment Company et al.* Feb. 11, 1907, indictment returned in the United States District Court for the Southern District of Georgia against the Atlantic Investment Co. and others, charging a combination in restraint of trade and commerce in the matter of the manufacture and sale of turpentine. Feb. 18, 1907, four corporations and two individuals, defendants to this indictment, entered pleas of guilty, and the court imposed a fine of $5,000 upon each of the six defendants, making a total of $30,000.

26. *United States v. American Seating Company et al.* March 12, 1907, indictment returned to the District Court of the Northern District of Illinois charging a violation of the Sherman Anti-Trust Law by engaging in a combination in restraint of trade in the manufacture and sale of school and church furniture. April 1, 1907, defendant corporations entered pleas of guilty, with one exception. May 20, 1907, fines imposed aggregating $43,000. Defendant E. H. Stafford Manufacturing Co. filed demurrer April 3, 1907. May 31, 1907, demurrer overruled and plea of not guilty entered. Dismissed Jan. 27, 1913.

27. *United States v. American Seating Company et al.* March 12, 1907, bill in equity filed in the United States Circuit Court for the Northern District of Illinois against the American Seating Co. and others, in which it is alleged that they are maintaining a combination in restraint of trade in the manufacture and sale of school and church furniture. Aug. 15, 1907, decree entered granted perpetual injunction against all defendants, except E. H. Stafford Manufacturing Co., E. H. Stafford, E. M. Stafford, and E. G. Bentley. As to these defendants the case was dismissed Jan. 27, 1913.

28. *United States v. Santa Rita Mining Company and Santa Rita Store Company.* April 4, 1907, indictment returned in the district of New Mexico charging a violation of section 3 of the Sherman Anti-Trust Law for engaging in a combination in restraint of trade. Demurrer filed and overruled. Fine of $1,000 imposed on each defendant; total, $2,000. Appeal taken to the Supreme Court of the Territory of New Mexico, where judgment of the lower court was reversed, and the case was subsequently dismissed.

29. *United States v. The Reading Company et al.* Petition filed June 12, 1907, in the Circuit Court for the Eastern District of Pennsylvania, to dissolve a combination among the anthracite coal-carrying roads and others. December 8, 1910, a decision was handed down by the Circuit Court adjudging that defendants were joined in a combination in restraint of trade through the instrumentality of the Temple Iron Co., but dismissing the charge of the petition as to the so-called 65 per cent. contracts whereby it was alleged the independent output was controlled, and also the charges as to certain so-called minor combinations. Cross appeals were taken to the Supreme Court, where the decree of the lower court, in so far as it adjudged the defendants parties to a combination in restraint of trade through the instrumentality of the Temple Iron Co., was affirmed, but was reversed as to the so-called 65 per cent. contracts with instructions to cancel them, and was further modified by dismissing the petition in other respects without prejudice, instead of absolutely.

30. *United States v. National Umbrella Frame Company et al.* July 1, 1907, indictment returned in the District Court for the Eastern District of Pennsylvania charging a conspiracy to restrain interstate trade and commerce in the manufacture and sale of umbrella material in violation of the Sherman Anti-Trust Law and section 5440, R. S. Pleas of guilty entered and fines aggregating $3,000 imposed and collected.

31. *United States v. American Tobacco Company et al.* Bill in equity filed July 10, 1907, by the United States against the American Tobacco Co. and others, in which it was alleged that they were maintaining a combination in restraint of trade and commerce in the manufacture and sale of tobacco. Nov. 7, 1908, decision rendered in favor of the Government, except as to individual defendants and certain foreign and other corporations. Cross appeals were taken to the Supreme Court, where case was argued March, 1910, and reargued January, 1911. May 29, 1911, a decision was rendered sustaining the Government on every point, and the case was remanded to the Circuit Court and the unlawful combination was dissolved in accordance with the decision of the Supreme Court.

32. *United States v. E. H. Stafford Manufacturing Company et al.* July 10, 1907, indictment returned in the District Court for the Northern District of Illinois charging a violation of the Sherman Anti-Trust Law by engaging in a combination in restraint of trade in the manufacture and sale of school and church furniture. Dismissed Jan. 27, 1913.

33. *United States v. E. I. du Pont de Nemours & Co. et al.* July 30, 1907, bill in equity filed in the Circuit Court for the District of Delaware against E. I. du Pont de Nemours & Co. and others, in which it is alleged that they are maintaining a combination in restraint of trade in the manufacture and sale of gunpowder and other high explosives. June 21, 1911, a decision was rendered holding combination illegal and ordering its dissolution. Final decree dissolving the combination was approved by the court June 13, 1912.

34. *United States v. One Hundred and Seventy-five Cases of Cigarettes.* Oct. 28, 1907, information filed in the District Court for the Eastern District of Virginia covering the seizure of 175 cases of cigarettes under Section 6 of the Sherman Anti-Trust Act. Cigarettes subsequently released under bond. Decree of dismissal entered Jan. 31, 1913.

35. *United States v. H. D. Corbett Stationery Company et al.* Nov. 1, 1907, indictment returned in the District Court for the District of Arizona charging a combination in restraint of trade. Nov. 4, 1907, demurrer filed. Nov. 14, 1907, demurrers sustained and defendants referred to next grand jury. Oct. 28, 1908, reindicted. Nov. 6, 1908, verdict not guilty.

36. *United States v. Union Pacific Coal Company et al.* Nov. 20, 1907, indictment returned in the District Court for the District of Utah, charging a conspiracy to violate and a violation of the Sherman Act. Jan. 6, 1908, demurrer filed. March 2, 1908, demurrer sustained as to first count and overruled as to second count. Dec. 3, 1908, verdict guilty. March 29, 1909, fines aggregating $13,000 imposed. November, 1909, judgment reversed by the Circuit Court of Appeals, and the suit was dismissed March 21, 1910.

37. *United States v. Chas. L. Simmons et al.* Jan. 20, 1908, indictment returned in the District Court for the Southern District of Alabama charging a combination in restraint of trade and commerce in the matter of the manufacture and sale of plumbers' supplies. On December 1, 1910, pleas of guilty were entered and fines aggregating $265 were imposed.

38. *United States v. Union Pacific Railroad Company et al.* Feb. 1, 1908, a bill in equity was filed in the Circuit Court of the United States for the District of Utah, charging a combination and conspiracy in violation of the Sherman Act on the part of the so-called Harriman lines. June 23, 1911, decision by Circuit Court to the effect that the roads involved were not competing lines and hence the combination was not a violation of law, Hook, J., dissenting. An appeal was taken to Supreme Court, which handed down a decision reversing the lower court on Dec. 2, 1912. Final decree dissolving the combination entered June 30, 1913.

39. *United States v. E. J. Ray et al.* Feb. 14, 1908, indictment returned in the Circuit Court for the Eastern District of Louisiana against seventy-two laborers, charging a combination and conspiracy in restraint of foreign trade and commerce, in violation of the Sherman Act. See note under following case.

40. *United States v. E. J. Ray et al.* Feb. 15, 1908, indictment returned in the Circuit Court for the Eastern District of Louisiana against seventy-two laborers, charging a combination and conspiracy in restraint of interstate trade and commerce, in violation of the Sherman Act.

NOTE.—Jan. 26, 1911, cases consolidated for trial. Verdict of guilty as to three defendants and fines amounting to $110 imposed. Appeal granted and judgment of the lower court was affirmed.

41. *United States v. Joseph Stiefvater et al.* Feb. 15, 1908, indictment returned in the United States Circuit Court for the Eastern District of Louisiana, charging a combination in restraint of trade and commerce in the matter of the manufacture and sale of plumbers' supplies. June 25, 1910, dismissed.

42. *United States v. American Naval Stores Company et al.* April 11, 1908, indictment returned in the United States Circuit Court for the Southern District of Georgia, charging a combination in restraint of trade and commerce in the matter of the manufacture and sale of turpentine. May 10, 1909, verdict of guilty as to 5 individual defendants. Fines aggregating $17,500 imposed and two defendants sentenced to three months in jail. Appealed to Circuit Court of Appeals and judgment affirmed. Certiorari granted by Supreme Court. Judgment of lower Court reversed June 9, 1913, on ground of error in judge's charge to jury. A verdict of not guilty was handed down in June, 1914.

43. *United States v. New York, New Haven, and Hartford Railroad Company et al.* May 22, 1908, a bill in equity was filed in the Circuit Court of the United States for the District of Massachusetts, charging the New Haven Co. with combining and attempting to combine under one common control the various railroad and electric railway systems in New England in violation of the Sherman Act. Dismissed June 26, 1909.

44. *United States v. John H. Parks et al.* June 16, 1908, indictment returned in the Circuit Court of the United States for the Southern District of New York, charging a combination in restraint of trade in the matter of the manufacture and sale of papers. June 19, 1908, defendants plead guilty and sentenced to pay fines aggregating $50,000, which were paid.

PRESIDENT TAFT'S ADMINISTRATION.—Ninety cases.

[Geo. W. Wickersham, Attorney-General March 4, 1909, to March 4, 1913.]

1. *United States v. American Sugar Refining Company et al.* Indictment under Sherman law July 1, 1909. A plea of the statute of limitations was interposed by the defendant Kissell, which was taken to the Supreme Court, where it was decided in favor of the Government. March 31, 1912, trial of the case resulted in disagreement of the jury.

2. *United States v. Albia Box & Paper Company et al.* Dec. 7, 1909, indictment returned in Southern District of New York charging combination in restraint of trade in paper board. Feb, 7, 1910, all defendants plead guilty and fines aggregating $57,000 were assessed and collected.

3. *United States v. John S. Steers et al.* Indictment returned in Eastern District of Kentucky Feb. 17, 1910, charging conspiracy to restrain trade. This is the so-called "Night Rider" case where the restraint consisted in preventing the shipment of tobacco in interstate commerce by means of violence and intimidation. After the overruling of demurrers and various pleas in abatement a trial was had, and on April 16, 1910, a verdict of guilty was returned as to eight of twelve defendants and fines aggregating $3,500 imposed. Appealed to Circuit Court of Appeals, argued November, 1911, and the judgment was affirmed May 11, 1912. The sentences were commuted by the President to payment of costs of suit.

4. *United States v. Imperial Window Glass Company et al.* Indictment found in western Pennsylvania April 7, 1910, charging combination and conspiracy to enhance the price of window glass. Demurrers to the indictment were overruled, and on Nov. 10, 1910, pleas of nolo contendere were entered and fines aggregating $10,000, and costs were imposed and collected.

5. *United States v. National Packing Company et al.* Indictment returned in Northern District of Illinois, March 2, 1910, charging combination to restrain trade in fresh meats. Demurrer to indictment sustained June 23, 1910.

6. *United States v. National Packing Company et al.* Northern Illinois. Bill in equity charging combination in restraint of trade in fresh meats and praying for dissolution filed March 21, 1910. Dismissed in order to facilitate the prosecution of later criminal case.

7. *United States v. Armour Packing Company et al.* Indictment returned at Savannah, Ga., in April, 1910, charging combination to control prices and restrict competition. Demurrer sustained as to second count on May 21, 1914. *Nolle prosequi* entered March 9, 1915.

8. *United States v. Missouri Pacific Railroad Company and twenty-four other railroads.* Petition to restrain violation of Sherman law filed May 31, 1910, and temporary restraining order issued on that day enjoining advances in freight rates in western trunk-line territory, which would have become effective June 1, 1910. Thereupon the railroads after consultation with the

President, withdrew their proposed advances in freight rates, and after the passage of the act of June 18, 1910, the matter was referred to the Interstate Commerce Commission. Thereafter the Interstate Commerce Commission enjoined the rate advances which the temporary restraining order obtained by the department on May 31, 1910, had prevented from going into effect and the petition was dismissed.

9. *United States v. Southern Wholesale Grocers' Association.* Bill in equity charging combination to regulate prices of necessities of life, filed at Birmingham, Ala., June 9, 1910. An agreement was reached between the Government and defendant's counsel, and a decree prepared, submitted to, and passed by the court Oct. 17, 1911, perpetually restraining the association, its officers and members, from doing any and all of the acts complained of. Some of the grocers violated the agreement with the Court and contempt proceedings were brought. A petition for rule to show cause why an attachment for criminal contempt of court for alleged violation of decree entered Oct. 17, 1911, should not issue was filed in the District Court at Birmingham, Ala., Feb. 10, 1913. The association and three of its members were found guilty of contempt and fines aggregating $5,500 were imposed.

10. *United States v. Great Lakes Towing Company et al.* Petition filed in Northern District of Ohio on June 19, 1910, against an alleged combination of towing facilities on the Great Lakes. A decision in favor of the Government was handed down on Feb. 11, 1913, and a final decree dissolving the combination was entered on Oct. 12, 1914.

11. *United States v. Chicago Butter & Egg Board.* Bill asking for dissolution filed at Chicago, June 13, 1910. A demurrer to the petition was sustained with leave to amend, and an amended petition was filed. Set for hearing on master's report on Jan. 8, 1914. The case was decided favorably to the Government and a decree to that effect was entered on Oct. 12, 1914.

12. *United States v. Frank Hayne, James A. Patten et al.* Indictments returned, New York City, against alleged cotton-pool conspirators, Aug. 4, 1910. Demurrers were sustained as to certain counts of indictment and overruled as to others, and the Government appealed to the Supreme Court, where case was argued November, 1911, and reargued at the October term, 1912. Decision by Supreme Court Jan. 6, 1913, sustaining indictments. Patten entered plea of guilty Feb. 11, 1913, and was fined $4,000. Indictment dismissed as to other defendants, and another indictment was returned July 1, 1913. See case 6, under the administration of President Wilson.

13. *United States v. Standard Sanitary Manufacturing Company et al.* Petition filed at Baltimore July 22, 1910, charging a combination, under cover of a patent licensing arrangement, to restrain competition and enhance prices of enamel ware. Four volumes of testimony were taken and case set for argument at Richmond on June 15, 16, and 17, 1911. In a decision rendered Oct. 13, 1911, the court sustained all the Government's contentions, and a decree was entered Nov. 25, 1911, from which an appeal was taken to the Supreme Court. Decision of lower court affirmed Nov. 8, 1913. Judgment compelled dissolution.

14. *United States v. Louis F. Swift et al.* Indictment returned by the grand jury at Chicago, in September, 1910, against ten prominent individuals engaged in the meat-packing industry. Defendants all filed numerous pleas in bar, demurrers, etc., all of which were decided in favor of the Government. Defendants applied to Circuit Judge Kohlsaat for writ of certiorari based on contention that anti-trust law was unconstitutional. Petition dismissed. Defendants appealed to Supreme Court and gave notice of motion Dec. 4, 1911, for stay of trial pending appeal. March 27, 1912, after a trial lasting over three months the jury returned a verdict of acquittal.

15. *United States v. John Reardon & Sons Company and Consolidated Rendering Co.* Indicted jointly by Federal grand jury at Boston in October, 1910. Demurrer to indictment sustained June 23, 1911.

15, 16, and 17 A. See at the end of 70.

16. *United States v. Ferdinand Sulzberger,* doing business under the name of *John Reardon & Sons Company, and Horatio W. Heath,* of Boston, doing business as the *Consolidated Rendering Company.* Jointly indicted at Boston in October, 1910, for violation of the Sherman law. Demurrer to indictment sustained June 23, 1911.

16 A. See at the end of 70.

17. *United States v. Horatio W. Heath and Cyrus S. Hapgood.* Indictment returned in October, at Boston, charging violation of the Sherman law. Demurrer to indictment sustained June 23, 1911.

17 A. See at the end of 70.

(Note.—In the last three indictments, which were found simultaneously, the Government charged that the defendants attempted to divide territory among themselves generally throughout New England, so as to avoid competition and drive out competitors in the hide and rendering business.)

18. *United States v. Standard Sanitary Manufacturing Company et al.* In addition to the above suit in equity (No. 13, supra), indictments were returned by grand jury at Detroit on Dec. 6, 1910, against the same corporations and individuals charging the same acts. Various demurrers and dilatory pleas were filed, argued, and overruled. After a trial lasting six weeks the jury reported a disagreement on March 14, 1912. Retrial in February, 1913, resulted in a verdict of guilty and fines aggregating $51,006 were imposed.

19. *United States v. American Sugar Refining Company et al.* A suit in equity was filed at New York on Nov. 28, 1910, against this corporation, its officers and agents, and its owned and controlled corporations, attacking it as a combination in restraint of trade and praying for its dissolution. The case was ready for trial in October, 1915, but the presiding judge suggested postponement to await the decision of the Supreme Court in the Harvester and Steel cases. The case was still pending in 1918, awaiting the decision in cases 46 and 63 under Mr. Taft's administration.

20. *United States v. General Electric Company et al.* Bill in equity filed at Cleveland, Ohio, on March 3, 1911, charging a combination in incandescent electric lamps. This suit is the outcome of an extensive investigation into the electrical industry. Like the enameled-ware combination, it is founded on a cross-licensing arrangement under patents. A formal decree was agreed upon between counsel for the Government and the defendant companies, and was submitted to and passed by the Circuit Court Oct. 12, 1911.

21. *United States v. Purrington et al.* Indictment returned in the Northern District of Illinois Sept. 14, 1910, charging combination to restrain trade in paving bricks and paving blocks. Demurrer overruled Nov. 9, 1911. Nolle prosequi entered June 3, 1913.

22. *United States v. Hamburg-Amerikanische Packetfahrt Actien Gesellschaft and others.* (Trans-Atlantic steamship pool.) Combination of steamship lines regulating steerage traffic on the Atlantic Ocean. Suit filed Jan. 4, 1911, at New York City. Testimony complete and case set for argument, April 17, 1914. On Oct. 12, 1914, a decision unfavorable to the Government was handed down, and an appeal to the Supreme Court was taken. On Jan. 10, 1916, the Supreme Court reversed the decision of the lower court. However, the Supreme Court refused to decide the questions in issue on the ground that the European War had rendered them moot.

23. *United States v. William C. Geer, president Albia Box and Paper Company, et al.* Indictment returned April 28, 1911, in the Southern District of New York, alleging a combination and conspiracy in restraint of interstate commerce in paper board. Demurrer overruled May 9, 1913. In February, 1915, the defendants withdrew their pleas of not guilty and offered pleas of *nolo contendere*, which the court accepted and fined them $16,000.

24. *United States v. Eastern States Retail Lumber Dealers' Association.* Suit in equity filed at New York on May 19, 1911, charging the Eastern States Lumber Dealers' Association, its officers and members, with a conspiracy in restraint of trade through the instrumentality of blacklists and trade agreements. Decision by lower court in favor of Government Jan. 9, 1913, and decree entered March 1, from which appeal was taken to Supreme Court. Argued at October term. Decided June 22, 1914, sustaining the decree of the district court.

25. *United States v. Isaac Whiting, John K. Whiting, Charles H. Hood, Edward J. Hood, and William A. Grautstein.* Indictment returned by the grand jury at Boston, Mass., on May 26, 1911, charging a combination to restrain trade in milk throughout the New England States. Pending, 1914. A demurrer was sustained concerning conspiracy and monopoly in restraint of trade, but overruled concerning combinations in restraint of trade, to which the defendants entered a plea of not guilty on May 4, 1914. Certain of the defendants entered pleas of *nolo contendere*, and the case is being prosecuted against the others.

26. *United States v. Isaac Whiting, John K. Whiting, Charles H. Hood, Edward J. Hood, and William A. Grautstein, and William A. Hunter, Secretary of Producers' Co.* May 26, 1911, indictment returned by the grand jury at Boston, Mass., charging a conspiracy to restrain trade in milk throughout the New England States. Pending, 1914. A demurrer was sustained concerning conspiracy and monopoly in restraint of trade, but overruled concerning combinations in restraint of trade, to which charge the defendants pleaded not guilty on May 4, 1914. Certain of the defendants entered pleas of *nolo contendere*, and the case is being prosecuted against the others.

27. *United States v. Lumber Secretaries' Bureau of Information et al.* Indictment returned June 23, 1911, in the Northern District of Illinois, charging that the secretaries of fourteen retail lumbermen's associations, covering twenty-three States from Pennsylvania to the Pacific coast, were in a conspiracy by means of a central controlling bureau to control the marketing of lumber by forcing the product through the retailer to the consumer, and restraining the trade of the manufacturer, wholesaler, and consumer, and eliminating competition for the trade of the consumer. Demurrer filed. Nolle prosequi entered June 6, 1913.

28 to 36. *United States v. Philip H. W. Smith et al.* Indictments returned at New York City, June 29, 1911, against various individuals charging violations of Sections 1 and 2 of the anti-trust law through the conduct and operation of the Underground Power Cable Association, Telephone Cable Association, Fine Magnet Wire Association, Wire Rope Manufacturers, Horseshoe Manufacturers' Association, Lead-encased Rubber Cable Association, and the Rubber-covered Wire Association.

Defendants appeared and pleaded, and fines aggregating $128,700 were finally imposed.

37. *United States v. Periodical Publishing Company.* Bill in equity filed in New York in June, 1911, against the members of the so-called Magazine Trust. The trial resulted in an equally divided court, and an order of dismissal was entered May 29, 1913.

38. *United States v. Jay B. Pearce et al.* Indictment returned against certain manufacturers and jobbers at Cleveland, Ohio, July 19, 1911, for combination and conspiracy in the manufacture and sale of wall paper. Demurrer overruled May 13, 1912. Verdict of not guilty May 24, 1912.

39. *United States v. Lake Shore & Michigan Southern R. R., Chesapeake & Ohio R. R., Hocking Valley R. R., Toledo & Ohio Central Ry., Kanawha & Michigan Ry., Zanesville & Western R. R. and others.* Bill in equity filed at Columbus, Ohio, Aug. 4, 1911, to enjoin combination and conspiracy in restraint of trade. Decision of lower court in favor of Government Dec. 28, 1912. Proposed plan of dissolution was considered by court. On Nov. 10, 1913, a supplemental decision concerning the relief to be granted was entered, and on March 14, 1914, a final decree was entered, awarding in the main the relief prayed for by the Government.

40. *United States v. Edward E. Hartwick et al.* Petition filed at Detroit, Mich., Aug. 31, 1911, alleging conspiracy and unlawful restraint of trade on the part of members of the Michigan Retail Lumber Dealers' Association, The Scout Publishing Co., and the Lumbermen's Secretaries' Bureau of Information. In view of the decisions in cases 24 and 45, the case was not contested and a consent decree granting the relief sought by the Government was entered on Dec. 4, 1917.

41. *United States v. Standard Wood Company et al.* Petition filed in the Circuit Court at New York City in September, 1911, against the members of the so-called Kindling Wood Trust, praying for injunction against the further carrying into effect of trade agreements and combination and conspiracy to monopolize trade. On default of answer, decree was entered against defendants March 11, 1912.

42. *United States v. Hunter Milling Company, Blackwell Milling and Elevator Company, and Frank Foltz.* Indictment returned by grand jury to District Court for the Western District of Oklahoma, Sept.

10, 1911, on one count, charging violation of Section 1 of the Sherman Act. Demurrer overruled Dec. 16, 1912, and verdict of guilty rendered. Fines aggregating $2,000 were imposed.

43. *United States v. S. W. Winslow, Wm. Barbour, E. P. Howe, Ed. P. Hurd, Geo. W. Brown, and Jas. J. Storrow.* Two indictments returned by the grand jury at Boston, Mass., Sept. 19, 1911, charging combination, conspiracy, and monopoly in trade in shoe machinery. One indictment sustained and one partially overruled. Appeal taken by Government on former; lost. On the latter indictment, nolle prosequi, October, 1918.

44. *United States v. The Colorado and Wyoming Lumber Dealers' Association and the Lumbermen's Secretaries' Bureau of Information.* Bill in equity filed at Denver, Colo., Sept. 25, 1911, for injunction against defendants for conspiracy to restrain trade in lumber and its products. Testimony complete. Further action deferred awaiting decision of Eastern States Lumber Dealers' Case. On December 29, 1917, an agreed decree was entered granting the relief prayed by the Government, in view of the decisions in cases 24 and 45. See above.)

45. *United States v. Willard G. Hollis et al.* Petition filed in October, 1911, at St. Paul, Minn., in the United States Circuit Court, against the Lumbermen's Secretaries' Bureau of Information, The Lumberman Publishing Company, and certain individuals, alleging conspiracy and combination in the lumber trade. Testimony complete. Further action deferred awaiting decision of Eastern States Lumber Dealers' Case. On August 10, 1917, the Government was granted the relief prayed by a consent decree.

46. *United States v. United States Steel Corporation and others.* Petition for injunction and dissolution filed at Trenton, N. J., October 27, 1911. The case was argued during October, 1914. On June 3, 1915, a decision adverse to the government was handed down, and on Sept. 10, 1915, a decree was entered dismissing the petition. An appeal was taken to the Supreme Court, was argued in March, 1917 and on May 21, 1917, the case was restored to the docket for re-argument, which occurred in October, 1919. On March 1, 1920, the Supreme Court, by vote of 4 to 3, decided that although the Steel Corporation was in a position to dominate the steel industry, its mere ability to violate the Sherman Act, in the absence of proof that overt acts violating the Act had been committed since the filing of the suit, was insufficient to warrant its dissolution, especially since such dissolution would disarrange industry and thus be detrimental to the public interest. On May 3, 1920, the Supreme Court denied the Government's request for a re-hearing.

47. *United States v. Joe Cotton et al.* Defendants were, on Nov. 15, 1911, indicted in the Southern District of Mississippi for conspiring to restrain interstate commerce during course of a strike on the Illinois Central Railroad. The strike having been terminated, no further action has been taken.

48. *United States v. National Cash Register Co. et al.* Petition filed Dec. 4, 1911, in Circuit Court, Southern District of Ohio, alleging conspiracy and monopoly in the manufacture, sale, and shipment of cash registers and other registering devices. Case delayed because of criminal case. (See 60, *post.*) On February 1, 1916, a decree granting the relief sought by the Government was entered.

49. *United States v. United Shoe Machinery Co. et al.* Petition in equity filed Dec. 12, 1911, in Circuit Court, District of Massachusetts, alleging combinations and conspiracies in restraint of interstate and foreign trade in shoe machinery, and praying for perpetual restraining order, dissolution of company, and restoration of normal conditions. The trial was completed in June, 1914, on the result of which depended the criminal action to be taken. In March, 1915, a decision adverse to the Government was handed down, and an appeal was taken to the Supreme Court. It was argued in March, 1917 and re-argued in January, 1918. In May, 1918, the decree of the lower court dismissing the petition was affirmed. The Government made application for a re-hearing, which was denied on October 21, 1918.

50. *United States v. A. Haines et al.* Two indictments returned Dec. 16, 1911, in the Southern District of Florida against members of Longshoremen's Association for combining, conspiring, and agreeing to interfere with interstate operations of the Mason Forwarding Company which had declined to recognize one of the conspirators known as the "walking delegate." See note to following case.

51. *United States v. A. Haines et al.* Two indictments returned Dec. 16, 1911, in the Southern District of Florida for combining, conspiring, and agreeing upon rules, regulations, requirements, etc., with reference to the employment of workmen to load vessels with lumber designed for interstate shipment.

NOTE.—Two above cases consolidated for trial. Defendants entered pleas of guilty and were sentenced each to four hours' confinement.

52. *United States v. Pacific Coast Plumbing Supply Association et al.* Petition filed Dec. 18, 1911, in Circuit Court, Southern District of California, alleging unlawful restraint of trade and commerce in plumbing supplies on the Pacific coast. Decree enjoining defendants from further committing the acts complained of was entered Jan. 6, 1912.

53. *United States v. The Keystone Watch Case Company et al.* Petition filed Dec. 20, 1911, in the Circuit Court, Eastern District of Pennsylvania, alleging unlawful contracts, combinations, and conspiracies to monopolize trade in filled watch cases and watches, and praying for a permanent decree ordering the dissolution of the company and enjoining defendants from further committing the unlawful acts complained of. The case was argued in June, 1914. In January, 1915, a decision was handed down, partly favorable and partly unfavorable to the government, and a decree in conformity thereto was entered in June, 1915, from which both the government and the defendants appealed to the Supreme Court. In October, 1921, the Government moved to dismiss the appeal, and the decree of the lower court was thus left in effect.

54. *United States v. American Naval Stores Company et al.* Petition filed Jan. 8, 1912, in the District Court, Southern District of Georgia, alleging unlawful combination and conspiracy in restraint of interstate and foreign commerce in turpentine and resin. Demurrer overruled Jan. 2, 1913. Defendant suspended business in March, 1913, on account of financial dif-

ficulties, and since then no further action has been taken.

55. *United States v. New Departure Manufacturing Company et al.* Indictment returned Jan. 8, 1912, in the Western District of New York against six corporations and eighteen individual defendants, charging unlawful combination and conspiracy for the purpose of monopolizing the coaster-brake business, and fixing and maintaining prices for coaster brakes. Plea in abatement overruled April 2, 1912. Demurrer overruled March 12, 1913. Defendants entered pleas of guilty and nolo contendere and fines aggregating $81,500 were imposed in May, 1913.

56. *United States v. The North Pacific Wharves & Trading Co. et al.* Indictment returned Feb. 12, 1912, in the First Division, District of Alaska, charging defendants with conspiring to monopolize and monopolizing the coal business at Skagway. Demurrer sustained May 3, 1912.

57. *United States v. Pacific & Arctic Railway & Navigation Co. et al.* Indictment returned Feb. 12, 1912, in the First Division, District of Alaska, charging defendants with engaging in a conspiracy to monopolize and monopolizing the transportation business between the head of Lynn Canal and the headwaters of the Yukon River. Demurrer sustained on May 3, 1912.

58. *United States v. The North Pacific Wharves & Trading Co. et al.* Indictment returned Feb. 12, 1912, in the First Division, District of Alaska, charging defendants (1) with engaging in a conspiracy and combination in restraint of trade and commerce by way of combining the four wharves at Skagway under one management, and (2) with monopolizing the wharfinger business at Skagway. Demurrer overruled on May 3, 1912. First trial resulted in disagreement of jury on Jan. 27, 1913. In February, 1914, the defendant corporations entered pleas of guilty and paid fines aggregating $19,500. Indictments dismissed as to individual defendants.

59. *United States v. Pacific & Arctic Railway & Navigation Co. et al.* Indictment returned Feb. 13, 1912, in the First Division, District of Alaska, charging defendants with engaging in a conspiracy to monopolize and monopolizing the steamship transportation between Puget Sound and British Columbia ports in the south and Skagway in the north. Demurrer sustained, except as to corporation defendants to count No. 6. Upon appeal to the Supreme Court the judgment was reversed and the case remanded for further proceedings. In Feb., 1914, the defendant corporations entered pleas of guilty and paid fines aggregating $8,500. Indictment dismissed as to individual defendants.

60. *United States v. John H. Patterson et al.* Indictment returned Feb. 22, 1912, in the Southern District of Ohio, against John H. Patterson, president, and twenty-nine other officials and employees of the National Cash Register Company, alleging a conspiracy in restraint of interstate trade and commerce in cash registers, resulting in an unlawful monopoly of the industry. Demurrer overruled June 26, 1912. Trial resulted in a verdict of guilty as to twenty-nine of the thirty defendants and fines aggregating $135,000 and jail sentences ranging from nine months to one year were imposed. The defendants appealed, and the Court of Appeals (Circuit) reversed the judgment of lower court. Supreme Court denied Government a writ of certiorari. *Nolle prosequi*, Feb. 1, 1916. See 48.

61. *United States v. American-Asiatic Steamship Company et al.* Petition in equity filed March 30, 1912, in Southern District of New York, charging defendants with combining and conspiring, entering into unlawful contracts and pooling agreements, and allowing rebates, for the purpose of securing a monopoly of the business of transporting freight between ports on the Atlantic coast of the United States and ports in the Philippine Islands, Japan, China, and the Far East.

In February, 1915, a decision unfavorable to the government was handed down, and an appeal was taken to the Supreme Court. The Supreme Court ordered the bill dismissed without prejudice.

62. *United States v. Julius F. Miller, Secretary, New York Charcoal Company et al.* Indictment returned April 2, 1912, in the Eastern District of New York charging defendants with restraining interstate trade and commerce in charcoal. Demurrer sustained Oct. 17, 1912.

63. *United States v. International Harvester Company et al.* Petition filed April 30, 1912, in the District Court, District of Minnesota, alleging the acquisition and maintenance of a monopoly in harvesting and agricultural machinery and implements and twine. Testimony taken, expediting certificate filed, and case argued before three circuit judges at St. Paul during November, 1913. On August 12, 1914, the court decided in favor of the government and a dissolution was ordered. The defendants appealed to the Supreme Court. The appeal was argued in April, 1915, and, on June 2, 1915, the Supreme Court ordered the case restored to the docket for re-argument. In October, 1918, the defendants dismissed their appeal to the Supreme Court and a final decree effectively dissolving the combination was entered on November 2, 1918.

64. *United States v. Aluminum Company of America.* Petition filed May 16, 1912, in the District Court, Western District of Pennsylvania, to prevent a further monopoly of and restraint upon the interstate and foreign trade and commerce in aluminum and aluminum wares. Consent decree granting relief substantially as prayed for was entered at Pittsburgh on June 7, 1912.

65. *United States v. Herman Sielcken et al.* Petition filed May 18, 1912, in the District Court, Southern District of New York, alleging conspiracy to reduce the production of coffee, especially in the State of São Paulo, Brazil, and to withdraw a large per cent. of coffee from the market by purchase. Motion for preliminary injunction denied.

Upon the advice of the State Department that representations had been made by the Brazilian Government that the entire quantity of coffee which was being withheld from market had been sold to a large number of dealers throughout the United States, an order of dismissal was entered May 29, 1913.

66. *United States v. Prince Line (Limited) et al.* Petition filed June 5, 1912, in the District Court, Southern District of New York, charging defendants, as common carriers of freight and passengers between ports of the United States and ports in the Republic of Brazil, with acquiring and maintaining a substantial monopoly by means of contracts, rebates, and other unlawful acts, and praying for an annulment of said contracts, agreements, etc.

In February, 1915, a decision unfavorable to the government was handed down, and an appeal was taken to the Supreme Court. On January 22, 1917, the Supreme Court reversed the decree of the lower court but the agreement complained of had been dissolved as a result of the World War and the Supreme Court remanded the case with directions to dismiss the bill without prejudice.

67. *United States v. Central-West Publishing Co. et al.* Petition filed August 3, 1912, in the District Court, Northern District of Illinois, charging defendants with engaging in unfair competition against each other and against others engaged in competing industries, with the intent to restrain and monopolize interstate trade and commerce in plate and ready-print matter. Consent decree granting relief as prayed for entered at Chicago on Aug. 3, 1912.

68. *United States v. Associated Billposters and Distributors of the United States and Canada et al.* Petition filed Aug. 3, 1912, in the District Court, Northern District of Illinois, charging defendants with engaging in a combination and conspiracy to place unlawful restraints upon interstate and foreign trade and commerce in posters. Hearing on demurrer set for Jan. 30, 1914. The demurrer was overruled, the case tried, a decision favorable to the government handed down in March, 1916, and a decree granting the relief prayed for entered in July, 1916. An appeal was taken to the Supreme Court.

69. *United States v. Motion Picture Patents Company et al.* Petition filed Aug. 15, 1912, in the District Court, Eastern District of Pennsylvania, to remove the restraints which defendants have imposed upon interstate and foreign trade and commerce in machines, appliances, and apparatus relating to the motion-picture art, and upon persons engaged in such trade and commerce. The case was argued in Nov., 1914, and a decision favorable to the government was handed down on Oct. 1, 1915. A decree granting the relief prayed for was entered in January, 1916, from which the defendants appealed to the Supreme Court, but they withdrew their appeal in June, 1918, with the result of leaving in full effect the decree of the lower court.

70. *United States v. Calvin N. Payne et al.* Indictment returned August 29, 1912, in the Northern District of Texas, charging defendants with engaging in a conspiracy in restraint of interstate and foreign trade and commerce in oils and oil products. Nolle prosequi entered Feb. 25, 1913.

(15, 16, and 17 A.) *United States v. Consolidated Rendering Co.* Indictment returned Oct. 31, 1912, in the District of Massachusetts, charging monopoly of interstate trade and commerce in rendering materials. Dec. 1, 1913, plea of nolo contendere by defendant and fine of $5,000 imposed.

United States v. Consolidated Rendering Company et al. Indictment returned October 31, 1912, in the District of Massachusetts, charging monopoly of interstate trade and commerce in rendering materials. Dec. 1, 1913, plea of nolo contendere by corporation and fine of $3,000 imposed. Indictment nolle prossed as to individual defendants.

NOTE.—These actions were instituted as a result of demurrers having been sustained in cases 15, 16, and 17, and they are therefore not counted as additional cases.

71. *United States v. The Master Horseshoers' National Protective Association of America and others.* Petition filed Dec. 12, 1912, in the Eastern District of Michigan, charging defendants with engaging in a combination and conspiracy in restraint of trade and commerce in drilled horseshoes, adjustable calks, and rubber hoof pads. Some of the defendants did not contest, and decrees were entered against them. Demurrers of the others were overruled, whereupon they consented to the entry of a decree against them, which was filed in Jan., 1916, ordering a dissolution of the combination, and granting the relief sought by the government as to the several defendants.

72. *United States v. Philadelphia Jobbing Confectioners' Association et al.* Petition filed Dec. 13, 1912, in the Eastern District of Pennsylvania, charging defendants with unlawfully interfering with interstate commerce in candies and confections. Consent decree entered Feb. 17, 1913.

73. *United States v. Elgin Board of Trade et al.* Petition filed December 14, 1912, in the Northern District of Illinois, charging defendants with combining and conspiring in the interest of a number of large centralizing concerns to restrain interstate commerce in butter and butter fat, and arbitrarily fixing the price thereof to obtain throughout the United States. On April 27, 1914, a decree was entered enjoining the defendants from continuing certain practises by which prices of butter over a large area were arbitrarily fixed.

74. *United States v. Charles S. Mellen, Edson J. Chamberlin, and Alfred W. Smithers.* Indictment returned December 23, 1912, in the Southern District of New York, charging a combination and conspiracy to restrain interstate commerce by preventing the construction of subsidiary lines of the Central Vermont Railway Company (itself a subsidiary of the Grand Trunk Railway Company) from Palmer, Massachusetts, to Providence, Rhode Island, from White River Junction, Vermont, to Boston, Massachusetts; and from Boston, Massachusetts, to Blackstone, Massachusetts, connecting there with the Palmer-Providence line.

75. *United States v. Kellogg Toasted Corn Flake Company et al.* Petition filed Dec. 26, 1912, in the Eastern District of Michigan, alleging that the business policy of the defendant company in fixing and enforcing resale prices on Kellogg's Toasted Corn Flakes is unlawful and tends to restrain and monopolize interstate commerce in said product. A motion to dismiss the petition on grounds involving the merits of the case was argued in July, 1914. In a decision handed down on April 14, 1915, the contention of the government was maintained and on Sept. 20, 1915, a decree was entered in accordance with the decision.

76. *United States v. Page et al.* Indictment returned Feb. 5, 1913, at Portland, District of Oregon, charging fifteen individuals, through the medium of the Produce Merchants' Exchange, of Portland, with unlawfully controlling the purchase, distribution, and sale of approximately 90 per cent. of the produce, fruit, and vegetables shipped into the State of Oregon. The defendants entered pleas of guilty on February 21, 1913, and fines aggregating almost nine thousand dollars were imposed and collected.

77. *United States v. Krentler-Arnold Hinge Last Company et al.* Petition filed

Feb. 7, 1913, in the District Court, Eastern District of Michigan, alleging the unlawful control by defendant of the interstate trade and commerce in shoe and boot lasts, both patented and unpatented. Consent decree was entered at Detroit, Mich., on Feb. 7, 1913.

78. *United States v. United Shoe Machinery Company of New Jersey et al.* Petition filed Feb. 8, 1913, in the District Court at Trenton, N. J., seeking to have annulled an alleged unlawful contract involving "inseam trimming machines." Collateral to case 49, and on decision adverse to Government in that, petition dismissed in April, 1919.

79. See No. 9.

80. *United States v. Board of Trade of the City of Chicago et al.* Petition filed Feb. 11, 1913, in the District Court at Chicago, Ill., attacking rule 33 of the Chicago Board of Trade, by virtue of which it is alleged the price of all corn, oats, wheat, and rye arriving in Chicago at times when the board of trade is not in session is arbitrarily determined. Motion to strike out certain portions of defendants' answer has been argued, and the ruling of the court is awaited. The ruling of the court was favorable, and a decision favorable to the government was handed down on Sept. 8, 1915. An appropriate decree was entered in December of the same year. An appeal was taken to the Supreme Court which on March 4, 1918 reversed the opinion of the district court.

81. *United States v. The Cleveland Stone Company et al.* Petition filed Feb. 12, 1913, in the District Court at Cleveland, Northern District of Ohio, charging defendants with establishing and maintaining a practical monopoly of the stone business. Without contest, the case was disposed of by the entry of a decree on Feb. 11, 1916, granting the relief prayed for by the government.

82. *United States v. The Delaware, Lackawanna & Western Railroad Company and The Deiuware, Lackawanna & Western Coal Company.* Petition filed February 13, 1913, in the District Court at Trenton, N. J., charging defendants with transporting coal in which it had an interest in violation of the commodities clause of the interstate-commerce act, and with entering into an unlawful contract whereby the Coal Company acquired a monopoly of the sale of anthracite coal produced along the line of the Railroad Company, in violation of the anti-trust act. The taking of testimony has been completed and brief is being prepared. Expediting certificate filed and case set for hearing on Jan. 27, 1914. On April 7, 1914, a decision adverse to the government was handed down and an appeal was taken to the Supreme Court. The Supreme Court unanimously reversed the decision of the lower court; and in pursuance to the Supreme Court mandate, the district court entered a decree on August 11, 1915, forbidding the railroad from further transporting in interstate commerce coal mined or purchased by it and purported to have been sold to the coal company under contract, and forbidding both the railroad and the coal company from further carrying out or enforcing the contract between them.

83. *United States v. The McCaskey Register Company et al.* Petition filed Feb. 20, 1913, in the District Court at Cleveland, Northern District of Ohio, charging defendants with conspiring to restrain and monopolize the manufacture and sale of account registers and appliances. The government concluded that the case was not well founded and the petition was dismissed without prejudice on January 7, 1915.

84. *United States v. International Brotherhood of Electrical Workers, Local Unions Nos. 9 and 134, et al.* Petition filed Feb. 24, 1913, in the District Court at Chicago, Northern District of Illinois, seeking to enjoin defendants from interfering with the interstate business of the Postal Telegraph-Cable Company. A temporary injunction was granted and was made permanent on February 27, 1914.

85. *United States v. Corn Products Refining Company et al.* Petition filed March 1, 1913, in the District Court at New York City, charging defendants with monopolizing interstate trade and commerce in corn products, and praying for the dissolution of the combination, and a decree granting the relief prayed by the Government was handed down in November, 1917, from which the defendants appealed to the Supreme Court. In March, 1919, the defendants withdrew their appeal, leaving in effect the decree of the district court dissolving the combination and enjoining the defendant from following the trade practices complained of.

86. *United States v. The American Thread Company et al.* Petition filed March 3, 1913, in the District Court at Trenton, N. J., charging defendants with monopolizing the thread industry. Answers of defendants filed Sept. 10, 1913. On June 2, 1914, a decree was entered dissolving the combination between the American Thread Company and J. and P. Coats, Lim., and affiliated corporations, and enjoining them from engaging in certain unfair trade practises against independent manufacturers of threads.

87. *United States v. The Burroughs Adding Machine Company et al.* Petition filed March 3, 1913, in the District Court at Detroit, Mich., alleging that defendants were engaged in a conspiracy to monopolize interstate trade and commerce in adding machines. A consent decree was entered at Detroit on March 3, 1913.

88. *United States v. American Coal Products Company et al.* Petition filed March 3, 1913, in the District Court at New York City, charging defendants with monopolizing the supply of coal tar and restraining the trade of competitors in the purchase of coal tar and in the manufacture and sale of tarred roofing felts, coal-tar pitch, and other coal-tar products. A consent decree was entered on March 4, 1913.

89. *United States v. Terminal Railroad Association of St. Louis et al.* Petition filed March 4, 1913, in the District Court at St. Louis, Eastern District of Missouri, alleging a conspiracy on the part of the members of the St. Louis Coal Traffic Bureau to suppress and eliminate competition in various rates for the transportation of soft coal from the State of Illinois to the city of St. Louis, Mo. The new rates imposed by the carriers were upheld by the Interstate Commerce Commission on Jan. 29, 1915, and the case hence was dismissed without prejudice on Sept. 20, 1915, without going into the question of the existence of a combination.

90 *United States v. Allen Brothers Company et al.* Petition filed April 16, 1909, in the Circuit Court, Southern district of New York, against a number of paper manufacturers for entering into a combination in restraint of trade and commerce (known as the F. & M. Association) with respect to the manufacture, price,

sale, shipment and distribution of fibre, manila and other papers. A decree ordering the dissolution of the Association, enjoining the members from further participation therein, was entered May 10, 1909.

PRESIDENT WILSON'S ADMINISTRATION—86 cases

Attorneys-General,—James C. McReynolds, March 4, 1913-September 2, 1914; Thomas Watt Gregory, September 3, 1914-March 4, 1919; A. Mitchell Palmer, March 5, 1919-March 4, 1921.

1. *United States v. The New Departure Manufacturing Company et al.* Petition filed May 27, 1913, in the District Court at Rochester, Western District of New York, alleging that defendants entered into a conspiracy and combination and devised a license agreement for the purpose of restraining and monopolizing the manufacture and sale of bicycle and motorcycle parts and coaster brakes. An agreed decree was entered at Rochester on May 27, 1913.

2. *United States v. White et al.* Indictment returned June 7, 1913, in the District Court for the Southern District of West Virginia, against nineteen members of the United Mine Workers of America, alleging a conspiracy to interfere with interstate commerce in coal mined in West Virginia. The case was *nolle prossed* on June 20, 1914, it having been instituted by a district attorney without authority and being without foundation.

3. *United States v. Eastman Kodak Company et al.* Petition filed June 9, 1913, in the District Court at Buffalo, Western District of New York, alleging that defendants have acquired a monopoly of the business of manufacturing, selling, and distributing photographic supplies. A decision favorable to the government was handed down on Aug. 24, 1915, and a decree granting the relief sought was entered in Jan., 1916. An appeal was taken to the Supreme Court by the defendant, but withdrawn on January 31, 1920.

4. *United States v. The Quaker Oats Company et al.* Petition filed June 11, 1913, in the District Court at Chicago, Ill., alleging combination to restrain and monopolize interstate trade and commerce in oatmeal products and by-products. By a two to one vote of the three circuit judges sitting for the case under the expediting act, a decision unfavorable to the government was rendered. An appeal was taken to the Supreme Court, but was dismissed by motion of the Government on June 1, 1920.

5. *United States v. Hippen et al.* Indictment returned June 25, 1913, in the District Court for the Western District of Oklahoma against The Oklahoma Brokerage Company and two other corporations and the officers thereof, alleging a conspiracy to restrain and monopolize interstate trade and commerce in fruits and vegetables. Demurrer sustained Oct. 1, 1913.

6. *United States v. Thompson et al.* Indictment returned July 1, 1913, in the District Court for the Southern District of New York alleging that the defendants conspired to run a corner in cotton on the New York Cotton Exchange. Defendants entered pleas of nolo contendere in December, 1913, and fines aggregating $18,000 were assessed.

7. *United States v. American Telephone & Telegraph Company et al.* Petition filed July 24, 1913, in the District Court at Portland, Ore., seeking to destroy a monopoly of the telephone business on the Pacific Coast. Issue joined and taking of testimony on behalf of Government is nearing completion. The defendants agreed to meet the demands of the government and a decree sustaining the petition was entered on March 26, 1914.

By the terms of the decree, the defendant disposes of its holdings in the Western Union Telegraph Company so as to make the control of the latter quite independent. The defendant agrees not to make any further direct or indirect acquisition of competing telephone companies. And the defendant agrees to connect its long-distance wires with the local exchanges of independent companies.

8. *United States v. Reading Company et al.* (Anthracite coal combination.) Petition in equity filed Sept. 2, 1913, in the District Court at Philadelphia, Pa., against a combination consisting of Reading Company and affiliated corporations, charging it with restraining and monopolizing trade in anthracite coal. The case was argued in June, 1914. On July 3, 1915, a decision partly favorable and partly unfavorable to the government was handed down, and an appeal to the Supreme Court was taken. The case was argued in October, 1916, and re-argued in 1917 and in October, 1919. On April 26, 1920, the Supreme Court, by vote of 4 to 3, sustained the majority of the Government's charges, dissolving the greater part of the combination. The case against the individual defendants was dismissed.

9. *United States v. The National Wholesale Jewelers' Association et al.* Petition filed Nov. 18, 1913, in the District Court at New York City, charging defendants with conspiring to eliminate all competition—except as between wholesalers or jobbers—for the trade of all classes of retail dealers in jewelry and jewelry products. A decree favorable to the government was granted Jan. 30, 1914.

10. *United States v. American Can Company et al.* Petition filed Nov. 29, 1913, in the District Court at Baltimore, Md., alleging monopolization of the business of making tin cans. On July 7, 1916, the district court entered a decree adjudging that the American Can Company was a combination in restraint of trade, but since the only relief granted by the court was the retention of the bill (i. e., keeping the combination under the supervision of the court), an appeal was taken to the Supreme Court.

11. *United States v. John P. White et al.* Indictment returned Dec. 1, 1913, in the District Court, Pueblo, Colo., charging officials and members of the United Mine Workers of America with monopolizing all diggers of coal and mine laborers and with restraining interstate commerce in coal. The case was *nolle prossed* on Jan. 8, 1916.

12. *United States v. Frank J. Hayes et al.* Indictment returned Dec. 1, 1913, in the District Court, Pueblo, Colo., charging a combination and conspiracy by mine workers to interfere with the mining of coal in Colorado and its transportation to and sale in other states. The case was *nolle prossed* on Jan. 8, 1916.

13. *United States v. Southern Pacific Company, Central Pacific Railway Company et al.* Petition in equity filed Feb. 11, 1914, in the District Court at Salt Lake City, Utah, to compel the Southern Pacific to relinquish its control of the Central Pacific. Three circuit judges sitting as a district court handed down on March 9, 1917, a decision adverse to the Government, one

judge dissenting. An appeal was taken to the Supreme Court.

14. *United States v. Lehigh Valley Railroad Company et al.* Petition filed March 18, 1914, in the District Court at New York City, N. Y., charging the defendants with having monopolized the production, transportation and sale of anthracite coal from mines tributary to Lehigh Valley Railroad Company in violation of the Anti-Trust Act, and charging the said Railroad Company with transporting in interstate commerce coal in which it has an interest, in violation of the Commodity Clause of the Act to Regulate Commerce. A decision adverse to the government was handed down in Dec., 1914, and an appeal was taken to the Supreme Court. The case was argued in November, 1917, again restored to the docket for re-argument and in October, 1919, submitted to the court without argument.

15. *United States v. Knauer et al.* Indictment returned June 4, 1914, at Des Moines, Southern District of Iowa, charging defendants with having entered into a combination in restraint of trade in plumbing supplies.

In Feb., 1915, a verdict of guilty was handed down. The defendants made a motion for a new trial. The judge imposed fines aggregating $4.000 against 4 of the defendants and granted a writ of error as to them; and pending a decision by the Court of Appeals, ordered the case to stand in the motion for a new trial as to the remaining 31 defendants. In an opinion filed Sept. 16, 1916, the Circuit Court of Appeals for the Eighth District sustained the conviction.

16. *United States v. The American Wringer Company et al.* Indictment returned May 22, 1914, in the District Court for the Western District of Pennsylvania, charging defendants with unlawfully engaging in a combination in restraint of interstate trade and commerce in clothes wringers. On Nov. 13, 1914, the defendants entered pleas of *nolo contendere* and were fined $6,000.

17. *United States v. Booth Fisheries Company et al.* Indictment returned July 20, 1914, in the District Court at Seattle, Wash., charging defendants with entering into a combination and conspiracy in restraint of interstate trade and commerce in fresh fish. Indictment dismissed as to all individual defendants and one corporate defendant; others pleaded nolo contendere and in March, 1918, fines aggregating $13,000 were imposed.

18. *United States v. The New York, New Haven & Hartford Railroad Company et al.* Petition filed July 23, 1914, in the District Court for the Southern District of New York, alleging monopolization of transportation facilities in New England and praying for a dissolution thereof. Because of the shaky financial condition of the railroad affected, and of the consequent danger to the investment markets and to the business conditions of New England, litigation was avoided and the following plan of voluntary dissolution was incorporated in a final decree entered Oct. 17, 1914.

1—The agreement between the New Haven Company and the New York Central Railroad for the joint operation of the Boston and Albany Railroad was canceled. 2—The New Haven Company gave up control of the Boston and Maine Railroad. 3—The New Haven Company disposed of its interests in trolley lines of New England. 4—The New Haven Company disposed of its interests in steamship lines between New England ports and New York, Philadelphia, Baltimore and other Atlantic sea-ports. 5—The question of the retention of control by the New Haven Company over steamship lines on Long Island Sound was submitted for determination to the Interstate Commerce Commission according to the provisions of the Panama Canal Act.

The criminal aspects of the case were not neglected and indictments were returned against 21 officers and directors of the New Haven Company. (See 23.)

19. *United States v. Western Cantaloupe Exchange et al.* Indictment returned Aug. 7, 1914, in the District Court at Chicago, Northern District of Illinois, charging defendants with having entered into a combination to restrain and monopolize interstate trade in cantaloupes. For the final disposition, see case 64.

20. *United States v. Collins et al.* An indictment was returned in the district court for the District of Columbia on Sept. 4, 1914, against 31 commission merchants, charging them with engaging in a combination to fix arbitrarily and without competition the prices at which country produce is bought and sold in the District of Columbia. A demurrer was overruled on May 1, 1915. In December of the same year, the defendants entered pleas of *nolo contendere*, and were fined $650.00 by the court.

21. *United States v. McCoach et al.* An indictment was returned Oct. 5, 1914, in the district court for the western district of Pennsylvania, charging 33 individuals, each a master plumber and a retail dealer in plumbing supplies, with entering into a combination to secure a monopoly of the business of selling and installing plumbing supplies. On May 19, 1917, 32 defendants pleaded nolo contendere and were fined $5,625. Nolle prosequi entered as to one defendant.

22. *United States v. Irving et al.* An indictment was returned on Oct. 31, 1914, in the district court for the district of Utah, charging 14 individuals, each a master plumber and a retail dealer in plumbing supplies, with entering into a combination to restrain trade in plumbing supplies. A demurrer and motion to quash were denied in January, 1915. In September, 1916, the jury returned a verdict of guilty against 12 of the defendants, who paid the fines aggregating $7,250 which were imposed by the court, a nolle prosequi having been entered as to one defendant.

23. *United States v. Rockefeller et al.* (See 18.) An indictment was returned on November 2, 1914, in the district court for the southern district of New York, charging 21 defendants, each at some time a director or an officer of the New York, New Haven and Hartford Railroad, with conspiring to monopolize the transportation facilities of New England. After numerous demurrers and pleas in abatement had been disposed of, the case went to a trial, and on Jan. 9, 1916, the jury returned a verdict of not guilty against 6 of the defendants and disagreed concerning the 5 others.

24. *United States v. Isaac E. Chapman et al.* An indictment was returned on Jan. 27, 1915, in the district court for the southern district of New York, charging the defendants with combining and conspiring to monopolize interstate trade and commerce in the derrick, lighterage and wrecking business in New York harbor and its environs and along the Atlantic coast of the United States. A demurrer was sustained on April 13, 1915.

25. *United States v. Carl C. King et al.* (Aroostook Potato Shippers Association.) An indictment was returned on March 4, 1915, in the district court for the district of Massachusetts, charging the defendants with entering into a combination and conspiracy in restraint of trade in potatoes, and in June, 1917, a verdict of guilty was returned and fines aggregating $3,500 imposed.

26. *United States v. Michael Artery et al.* Eight indictments were returned in the district court for the northern district of Illinois in Jan. and Apr., 1915, against certain so-called business agents of Chicago labor unions, charging them with combining and conspiring to prevent in Chicago the unloading of goods shipped from other states. The trial of one case resulted in a verdict of guilty, whereupon in December, 1918 and March, 1919, the remaining cases were disposed of by pleas of guilty and nolo contendere, resulting in fines aggregating $4,500.

27. *United States v. Michael Boyle et al.* On Apr. 27, 1915, two indictments were returned in the district court for the northern district of Illinois, charging a conspiracy among labor unions and certain manufacturers in Chicago to prevent the installation in Chicago of electrical appliances and lighting fixtures manufactured elsewhere. One indictment against Boyle et al. and the other against Fenney et al. Demurrers argued and overruled. Trial under first indictment resulted in verdict of guilty and two defendants were sent to jail and, together with eleven others, fined aggregate of $15,500. On appeal, circuit court of appeals affirmed judgment of lower court in April, 1919. Application for rehearing denied and fines then paid and sentences served. As to eight defendants, nolle prosequi or dismissal.

28. *United States v. S. F. Bowser & Co. (Inc.) et al.* A petition was filed June 10, 1915, in the district court for the district of Indiana, charging the defendants with combining to restrain and attempting to monopolize interstate trade and commerce in pumps, tanks and outfits for the storage and handling of gasoline and other inflammable materials. A decree granting the relief sought by the government was entered simultaneously with the decree, the defendants not contesting.

29. *United States v. United Shoe Manufacturing Company et al.* A petition was filed Oct. 18, 1915, in the district court for the eastern district of Missouri, charging that the so-called tying clauses in the series of leases used by the defendants in the conduct of their business violated section 3 of the Clayton Act. A temporary restraining order was granted at the time the petition was filed, and an application for a preliminary injunction was argued Oct. 27 and granted Nov. 12, 1915. A motion to dismiss the petition, on grounds largely involving the merits of the case, denied June 7, 1916. Case tried in January, 1919, and on March 31, 1920, decision favorable to Government handed down. Final decree entered, May 12, 1920, making permanent the prohibition in the preliminary injunction. Both parties appealed to the Supreme Court.

30. *United States v. Rintelen, Buchanan et al.* An indictment was returned on Dec. 28, 1915, in the district court for the southern district of New York, charging the defendants with conspiring to restrain, prevent and hinder foreign commerce in military supplies and stores. A motion to quash was overruled on June 29, 1915. Certain of the defendants residing in the District of Columbia instituted proceedings to resist their removal to New York, but unsuccessfully. On May 21, 1917, Rintelen, Lamar and Martin were sentenced to one year in jail. The jury disagreed concerning four other defendants, including Buchanan, and against the remaining defendant the case was dismissed. Appeal by Martin and Lamar to circuit court of appeals resulted in affirmance of judgment of district court. Writ of certiorari denied. October 27, 1919. June, 1919, circuit court of appeals allowed writ of error as to Martin and Lamar. Case pending in Supreme Court.

31. *United States v. Franz Bopp et al.* On Feb. 11, 1916, an indictment was returned against the defendants in the district court for the northern district of California, charging them with conspiring to restrain and destroy interstate and foreign commerce of the United States in munitions of war, etc. Demurrers and motions to quash were denied on March 30, 1916. On January 22, 1917, the defendants were found guilty and four of them were sentenced to one year in jail and a fine of $5,000 each, the fifth receiving a sentence of one year in jail.

32. *United States v. Cowell et al.* An indictment was returned on October 27, 1916, in the district court for the district of Oregon, charging officers and agents of nine cement manufacturing companies with engaging in a combination to restrain and with monopolizing interstate trade and commerce in cement on the Pacific coast. The indictment charges the defendants with apportioning territory and maintaining uniform prices. In April, 1917, and again in December, 1917, some of the defendants pleaded guilty and were fined $2,500 each and in the case against the others demurrers were overruled, the case was tried in October, 1919, and the jury disagreed.

33. *United States v. Pan-American Commission Corporation, Comision Reguladora del Mercado de Henequen et al.* Petition filed on January 30, 1917, in the district court for the southern district of New York charging defendants with entering into a combination to monopolize sale and increase the price of sisal. In January, 1918, the contract forming the basis of the suit was canceled, in the following month the Pan-American Commission Corporation was dissolved, in July, 1918, the defendants made a motion to dismiss on the ground that the case had thus become moot and on September 20, 1918, a decree was entered dismissing the case without prejudice.

34. *United States v. Jensen Creamery Company et al.* Indictment returned February 24, 1917, in the district court for the district of Idaho against 8 corporations and 11 individuals, charging them with combining and conspiring to restrain and monopolize interstate trade and commerce in creamery and dairy products in the Northwestern states.

In February, 1919, the Jensen Company, the principal defendant, entered a plea of guilty and was fined $7,500, the other defendants being acquitted.

35, 36, 37. *United States v. Ailcen Coal Company et al., (Smokeless Coal Combination), Algoma Coal and Coke Company et al., Baker-Whiteley Coal Company et al.* Indictments returned March 5, 1917, in the district court for the southern district

of New York, charging defendants with combining and conspiring to eliminate competition in and increase the price of smokeless coal. On July 12, 1917, the 108 corporations and 59 individuals in the first group were acquitted, whereupon the cases against the second and third groups were nolle prossed and dismissed, after the plea of some of the defendants in bar of autrefois acquit had been sustained on July 20, 1917.

38. *United States v. Simpson et al.* An indictment was returned in the district court for the District of Columbia on April 2, 1917, charging the defendants with fixing and increasing the price of milk in the District of Columbia.

39. *United States v. Mead et al.* An indictment was returned on April 12, 1917, in the district court for the southern district of New York charging the defendants with entering into a combination in restraint of interstate and foreign trade and commerce in newsprint paper. On November 26, 1917, five of seven defendants pleaded nolo contendere and were fined an aggregate of $11,000; case against one defendant dismissed for lack of evidence and against one continued until his return to the United States.

40. *United States v. Chicago Mosaic and Tiling Company.* Indictment returned in the district court for the northern district of Illinois May 5, 1917, charging the defendants, each a member or a representative of a member of the Chicago Mantel and Tile Contractors' Association, with combining and conspiring to restrain interstate trade and commerce in wall and floor tiles. Demurrers overruled, February, 1918.

41. *United States v. National Association of Master Plumbers of United States et al.* Petition filed in the district court for the western district of Pennsylvania on May 19, 1917, to supplement cases 15, 21 and 22 foregoing, a consent decree being filed simultaneously enjoining the defendants from committing the acts complained of.

42. *United States v. M. Piowaty & Son et al.* Indictment returned in the district court of Massachusetts in two counts, on May 24, 1917, charging the defendants with combining through the National Onion Association to control the onion crop and to regulate the supply on the market in order to increase prices. On September 12, 1917, a demurrer was sustained on one count of the indictment and overruled on the other, whereupon five of the defendants pleaded nolo contendere and were fined $1,250 in aggregate. Nolle prosequi as to others.

43. *United States v. Gilman et al.* An indictment was returned on June 2, 1917, in the district court for the northern district of Illinois against certain dealers in eggs, each a member of the Chicago Butter and Eggs Board, charging them with artificially enhancing the price of eggs throughout the country by sales to each other above the current market price. Demurrer overruled, February, 1918.

44. *United States v. New England Fish Exchange et al.* Petition filed on June 21, 1917, in the district court for the district of Massachusetts charging the defendants with combining to restrain and monopolize interstate commerce in products of the New England fish industry, among other things, by entering into agreements fixing the maximum prices for buying and minimum prices for selling fish. In July, 1919, a decision favorable to the Government was handed down and final decree dissolving the combination entered Dec. 4, 1919.

45. *United States v. St. Clair et al.* Indictment returned July 6, 1917, in the court for the district of the District of Columbia charging agents for baking companies with combining and conspiring to fix and raise the price of bread in the District of Columbia and refusing to sell to those not in such agreement. A nolle prosequi was entered on February 21, 1918.

46. *United States v. National Retail Monument Dealers' Association of America et al.* Indictment returned in the district court of Maryland July 24, 1917, charging defendants with combining to restrain interstate trade by compiling and circulating "honorary lists" of dealers and discriminating against other dealers. In September, 1917, a plea of nolo contendere was entered and fines aggregating $6,225 were imposed.

47. *United States v. Webster et al.* An indictment was returned August 30, 1917, in the court for the southern district of New York charging defendants with conspiring to restrain and monopolize trade and commerce in automobile accessories through an association controlling the trade, and eliminating competition therein, including what amounted to blacklisting, etc. Demurrer overruled, May, 1918. In February, 1919, the defendants were acquitted.

48. *United States v. Kluge et al.* (Woven Label Manufacturers Association.) A petition was filed October 8, 1917, in the court for the southern district of New York and the same day a consent decree was entered granting the relief prayed by the Government.

49. *United States v. Nash Brothers et al.* An indictment was returned July 30, 1917, in the court for the district of North Dakota charging the defendants with combining and conspiring to restrain interstate trade in fruit in the Northwest. Demurrer overruled September 27, 1917, but new indictment returned, February, 1918, demurrer to which was sustained. Appeal taken to Supreme Court.

50. *United States v. Paris Medicine Company.* Petition was filed in the court for the eastern district of Missouri on November 12, 1917, and on the following day a decree was entered without opposition enjoining the defendant from the practice complained of—the attempt to control the resale price of its products by indicating to dealers such prices, securing from dealers agreements to adhere to such prices, refusing to sell to dealers who declined to adhere to such prices upon the same terms as to dealers who do so adhere, furnishing free goods or other advantages to dealers who do so adhere and not to dealers who do not so adhere.

51. *United States v. Barton et al.* (Groceries Case.) Indictment returned in the court for the western district of Virginia, on November 14, 1917, charging a number of wholesale and retail grocers with combining and conspiring to interfere with the business of a certain retail dealer. The court directed the jury to find for the defendant on the ground that the business involved was not interstate. Thereupon a nolle prosequi was entered as to the defendants not involved in the trial.

52. *United States v. Mead et al.* (Newsprint Paper Manufacturers Association.) A petition was filed on November 26, 1917, in the southern district of New York, charging the defendants with combining to control the manufacture and sale of newsprint

paper. (See case 39.) On the same day, a decree was entered ordering the association dissolved and enjoining the defendants from entering or engaging in a similar combination for the purpose of controlling the newsprint paper industry. The defendants also entered into an agreement with the Attorney General to abide by the prices and terms of sale, during the period of the World War and 3 months thereafter, to be fixed by the Federal Trade Commission, subject to review by the judges of the second circuit as arbitrators.

53. *United States v. Discher et al.* (Automobile Bumper Association.) Petition filed December 4, 1917, in the southern district of New York, charging the defendants with seeking to control and to prevent competition in the commerce of automobile bumpers from the manufacturer to the consumer. On the same day a consent decree was entered, dissolving the association and granting the relief prayed for.

54. *United States v. Belfi et al.* (Philadelphia Tile, Mantel & Grate Association.) Indictment returned on December 6, 1917, in the eastern district of Pennsylvania, charging the defendants with restraining competition in the retail selling of tiles, largely by understanding with the Tile Layers' Union not to set tiles for non-union members. On April 8, 1918, verdict of guilty returned. The court granting a motion for a new trial as to 11 of the defendants, the case against them was dismissed. Against the ten remaining defendants, fines of $9,000 were imposed. The latter took an appeal to the Circuit Court of Appeals, which was argued in November, 1918, and re-argued in March, 1919. In June, the judgment of the lower court was affirmed as to eight of the ten, and a new trial ordered for the remaining two.

55. *United States v. Colgate & Co.* Indictment returned December 18, 1917, in the eastern district of Virginia, charging the defendant with combining with wholesale and retail dealers to procure adherence to resale prices fixed by it, by refusing supplies to dealers not so adhering. A demurrer was sustained on October 28, 1918, and the Government appealed to the Supreme Court, which, in June, 1919, affirmed the decision of the lower court.

56. *United States v. Booth Fisheries Company et al.* Petition filed on March 13, 1918, in the western district of Washington, charging the defendants with fixing the purchase and sale price of halibut on the North Pacific Coast. (See case 17.) A consent decree was entered granting the relief sought by the Government.

57. *United States v. Interlaken Mills.* (Book Cloth manufacturers.) Petition filed April 15, 1918, in the southern district of New York, charging the defendants with combining to fix the price of book cloth. On the same day, a consent decree was entered dissolving the combination.

58. *United States v. Victor Talking Machine Co.* Petition filed on May 3, 1918, in the southern district of New York, charging the defendant with placing restrictions upon dealers in Victor Talking Machine regarding prices, customers and territory. A consent decree was entered on the same day forbidding the practices complained of, especially with respect to requiring distributors and dealers not to deal in talking machines or their appurtenances not produced by the defendant.

59. *United States v. Ironite Co. et al.* Indictment returned on May 10, 1918, in the southern district of New York, charging the defendants with restraining competition in the trade of materials used in connection with concrete construction work. Petition in equity also filed, on December 17, 1919, in same court. Consent decree fully granting relief asked by Government entered on March 20, 1920, and indictment dismissed on same day.

60. *United States v. A. Schrader's Son, Inc.* Indictment returned on June 19, 1918, in the northern district of Ohio, charging defendant with suppressing competition and fixing prices by requiring tire manufacturers and jobbers to execute uniform contracts concerning resales and declining to sell to those refusing. Demurrer sustained in September, 1919, and Government appealed to Supreme Court, which reversed the district court.

61. *United States v. Button Export and Trading Corporation et al.* (Pearl Button Case.) Petition filed in the southern district of Iowa on June 28, 1918, charging defendants with combining and conspiring to control the entire freshwater pearl industry and on the same day a consent decree was filed granting the relief prayed for by the Government.

62. *United States v. American Cone and Wafer Company.* (Ice Cream Cone Case.) Petition filed in the northern district of Ohio on July 31, 1918, charging defendant with fixing uniform resale prices by contracts with jobbers and by refusing to sell to those failing to adhere to such contracts. A consent decree enjoining the practice complained of was filed on August 3, 1918.

63. *United States v. Sumatra Purchasing Corporation et al.* (Sumatra Leaf Tobacco Case.) Indictments were returned in the southern district of New York, one under the Sherman Act and one under section 73 of the Wilson Tariff Law, on October 7, 1918, charging the defendants with conspiring to control the entire trade, importation and exportation and sale of Sumatra leaf tobacco, to increase prices and prevent competition. On April 13, 1920, the corporate defendants pleaded nolo contendere to indictment under Sherman Act and were fined $5,000 each. At the same time, both indictments were dismissed as to other defendants and the defendants submitted to a decree in equity prohibiting the illegal acts charged by the Government.

64. *United States v. Western Cantaloupe Exchange et al.* Petition filed on November 9, 1918, in the northern district of Illinois, charging defendants with combining to restrain interstate trade in cantaloupes raised in the Imperial Valley of California. An indictment to this end had been returned in 1914 (see case 19), but the Government concluded that the evidence was insufficient to secure a conviction, and filed this bill in equity, with the result that a decree was entered on the same day enjoining the defendants from holding membership or interest in the Exchange, concerting action to limit or regulate competition between themselves, from enhancing cantaloupe prices, and from similar practices.

65. *United States v. Klaxon Company.* Petition filed in the district of New Jersey on December 8, 1918, charging the suppression of competition and the maintenance of uniform prices, by contract with jobbers. The defendant agreed to a consent decree enjoining it from entering into similar contracts in the future.

66. *United States v. Atlas Portland Cement Company et al.* Petition filed August

13, 1919, in district of New Jersey charging defendants with curtailing, through the Cement Manufacturers' Association, the production of cement and maintaining a uniform and increased price for cement irrespective of point of delivery.

67. *United States v. Alphons Custodis Chimney Constructions Co., et al.* Indictment returned on December 12, 1919, in court for southern district of New York, charging suppression, through Chimney Builders' Association, of competition and increase of prices in perforated radial brick chimneys, largely by allotting business and establishing scale of uniform profits. On January 28, 1920, nolle prosequi as to two of the defendants and nolo contendere as to the remaining, who were fined an aggregate of $18,325.

68. *United States v. American Association of Wholesale Opticians et al.* Petition filed on December 12, 1919, in court for southern district of New York, charging defendants with restraining interstate trade in optical lenses, blanks, etc., and fixing uniform prices for them. On same day, consent decree entered dissolving combination and prohibiting practices mentioned.

69. *United States v. American Column & Lumber Co. et al.* Petition filed February 14, 1920, in the Western District of Tennessee, charging conspiring to eliminate competition and to enhance prices in restraint of trade, among other means, by each defendant reporting to the Secretary of the American Hardwood Manufacturers Association the prices of actual sales, the supply of lumber on hand and the production, together with his view of the demand, the information being then distributed among all the defendants. The court, on March 16, 1920, granted the Government a temporary injunction.

The defendants appealed to the Supreme Court, and then applied for an order superseding during the pendency of the appeal that part of the decree prohibiting the distribution of the information referred to. This application was denied. On December 19, 1921, the Supreme Court, by vote of six to three, decided in favor of the Government.

70. *United States v. Swift & Company, et al.* Petition filed February 27, 1920, in the Supreme Court, District of Columbia, to break up the so-called Packers Combination composed of Armour & Company, Morris & Company, Cudahy Packing Company, their principal subsidiaries, and others. The case was not contested and on the same date an agreed decree was entered which required the defendants, among other things, (1) to dispose of their holdings in public stockyards; (2) to dispose of their interests in stockyard railroads and terminals; (3) to dispose of their interests in market newspapers; (4) to dispose of their interests in public cold storage warehouses, except when necessary for their own meat products; (5) to dissociate themselves forever from the retail meat business and (6) all "unrelated lines" including wholesale groceries, etc.

71. *United States v. Colgate & Company.* Indictment returned March 24, 1920, in the district of New Jersey, charging in greater detail than in 55, *supra, (q. v.)* an unlawful combination to maintain the resale prices of soap manufactured by Colgate & Co. A demurrer overruled.

72. *United States v. Barbers' Supply Dealers Association of America, et al.* Petition filed May 7, 1920, in the Southern District of New York, charging conspiring to monopolize trade in barbers' supplies largely by fixing and maintaining resale prices and terms of discount, advancing resale prices and eliminating competition. Contemporaneously with the filing of the petition a consent decree was entered granting the relief asked by the Government.

73. *United States v. American Linseed Oil Co. et al.* Petition filed June 30, 1920, in the Northern District of Illinois, charging conspiring to suppress competition and enhance prices in restraint of trade, by a so-called "Open Competition Plan," whereby each defendant, as required by contracts with the Armstrong Bureau of Related Industries, furnished the Bureau its price lists for distribution among all the other defendants, and reported daily all carload sales, with the price of each sale, and interchanged assurances that prices would not be lowered. Suit dismissed in District Court on November 4, 1921, for want of equity.

74. *United States v. Consolidated Music Corporation et al.* Petition filed August 3, 1920, in the Southern District of New York charging conspiring to monopolize sheet music and music roll trade, by acting solely through the Consolidated Music Corporation, thus accomplishing a uniformity of conduct among themselves by transferring to the corporation copyrights acquired by them, and by agreeing upon retail prices. A motion to dismiss by defendants was overruled on October 4, 1920.

75. *United States v. Moore et al.* Indictment returned August 30, 1920, in the southern district of New York, charging conspiring to monopolize commerce in foreign freight by agreements among the defendants for the payment of brokerage fees only to members of a freight-brokers' association and by eliminating competition among the brokers. At the same time, a petition in equity was filed against the same defendants seeking an injunction prohibiting the acts complained of in the indictment. Demurrers to the indictment sustained in October, 1920.

76. *United States v. California Associated Raisin Co. et al.* Petition filed September 8, 1920, in the Southern District of California charging monopolizing trade by contracts requiring growers of raisin grapes to deal only with the Raisin Company in the crop to which such contracts apply and containing an option for subsequent like contracts, and by the acquisition of control over competing packing businesses. It was alleged also that the company required purchasers to enter into contracts by which it was enabled to exact excessively high prices. The Government prayed for a preliminary injunction and a permanent injunction. On September 22, 1920, a stipulation was entered into, in lieu of a preliminary injunction, requiring the Raisin Company to release to competitors more than one-fourth of its holdings of raisins at that time, and to abandon contracts.

77. *United States v. Goodwin-Gallagher Sand & Gravel Corporation et al.* Indictment returned December 29, 1920, in the Southern District of New York, charging conspiring to monopolize interstate commerce, by obtaining control of competitors, agreeing to fix and maintain prices for the sale and resale of sand, by enhancing prices and otherwise dominating the trade. On

January 18, 1921, the defendants pleaded guilty and paid fines aggregating $40,000. At the same time a suit in equity was filed and a decree entered prohibiting the acts complained of.

78. *United States v. Albany Chemical Company et al.* Petition filed January 10, 1921, in the Southern District of New York, charging conspiring to monopolize trade, by improperly appropriating the exclusive use of the word "aspirin" by having it registered as a trademark, and by other means eliminating competition. At the same time an agreed decree was entered ordering, among other things, the cancellation and relinquishment of the alleged trademark rights.

79. *United States v. Andrews Lumber & Mill Co. et al.* Indictment returned January 21, 1921, at Chicago, charging defendants, substantially all of the manufacturers in Chicago of sash, doors and interior finish, building contractors, and members of the United Brotherhood of Carpenters and Joiners of America, with restraining interstate commerce by agreeing among themselves that the manufacturers would not employ persons not members of the union and that members of the union would not install material made by manufacturers in other States. On March 12, 1921, all defendants filed demurrers and motions to quash. (See case No. 10 under President Harding's administration.)

80. *United States v. Poster Advertising Association (Inc.) et al.* Indictment returned January 26, 1921, in the District Court of Chicago, charging monopolizing interstate commerce in bill posters by the bill board owners receiving for exhibition only posters furnished by the Advertising Company and by latter's refusal to supply posters except to members of the Association or to serve any advertiser dealing with its competitors.

81. *United States v. Robert E. Miller, Inc., et al.* Petition filed January 28, 1921, in the Southern District of New York, charging a conspiracy to monopolize interstate trade in rubber heels by fixing uniform sales prices and requiring dealers to maintain such prices. At the same time a decree was entered prohibiting the acts complained of.

82. *United States v. Corrugated Paper Manufacturers Association, Inc.* Petition filed February 2, 1921, in the Southern District of New York, charging conspiring to monopolize interstate commerce by fixing and agreeing to maintain uniform sales prices, discounts, conditions and policies. At the same time a decree was entered prohibiting the acts complained of.

83. *United States v. Southern Pine Association et al.* Petition filed February 23, 1921, in the Eastern District of Missouri, charging conspiring to restrain interstate commerce in lumber, by an arbitrary uniform cost system, the establishment of minimum selling prices, the distribution of information as to current production, sales, stocks on hand, etc.

84. *United States v. Jones et al.* Indictment filed February 25, 1921, in the District Court at Indianapolis, charging operators of bituminous coal mines and officials of the mine workers' union with conspiring to restrain interstate commerce, among many means, by an agreement to create shortages and, by closing down mines, to limit production and distribution, to establish a uniform accounting system, and to increase wages and prices of coal.

85. *United States v. Alpha Portland Cement Company.* Indictment returned March 1, 1921, in the Southern District of New York, against 74 corporate and 40 individual defendants, manufacturers of Portland cement, charging a combination and conspiracy to restrain and monopolize interstate trade and commerce, among many means, by concertedly dividing the territory, adopting uniform selling prices, withholding cement from the market, curtailing production by suspending the manufacture of cement for given periods, and acquiring and dismantling mills.

86. *United States* v. *Smith et al.* Indictment returned March 3, 1921, in the Supreme Court of the District of Columbia, charging the defendants, all the large wholesale and retail dealers in coal in the City of Washington, with a conspiracy in restraint of trade, among other means, by inducing all persons engaged in the local retail coal trade to become members of The Coal Merchants Board of Trade and then to refrain from competition either by selling to each other's customers or to the customers of defendants or by reducing prices, and by preventing those who refused from obtaining a supply of coal. Plea in abatement.

PRESIDENT HARDING'S ADMINISTRATION.

Harry M. Daugherty, Attorney General, March 4, 1921—

1. *United States* v. *Kern et al.* Petition filed March 8, 1921, in the Southern District of New York, against six defendants, dealers in perforated paper music rolls, charging a conspiracy to restrain and monopolize interstate trade and commerce, principally by fixing retail prices for music rolls. At the same time an uncontested decree was entered prohibiting the practices complained of.

2. *United States* v. *American Coated Paper Company et al.* Petition filed March 14, 1921, in the Southern District of New York, charging defendants, several manufacturers of white glazed paper, with a combination and conspiracy to restrain and monopolize interstate trade and commerce, by an agreement to fix and observe uniform prices, the use of a common selling agency, and other means calculated to dominate the trade. At the same time an uncontested decree was entered prohibiting the employment of a common selling agency and the other acts complained of.

3. *United States* v. *American Lithographic Company et al.* Petition filed March 26, 1921, in the Southern District of New York, charging the defendants, five corporations manufacturing lithographed labels, etc., with a combination and conspiracy to restrain and monopolize interstate trade and commerce, principally by an agreement among the defendants to fix and maintain uniform and minimum prices, to adopt uniform sales policies, and by exchanging and discussing information relative to costs, selling prices, and kindred subjects. At the same time a consent decree was entered prohibiting the acts complained of.

4. *United States* v. *James B. Clow & Sons et al.* Indictment returned April 1, 1921, in the District Court at Chicago, against 13 corporations and 25 individual defendants, charging that the defendants, wholesale dealers and jobbers in plumbing and heating materials and apparatus and kindred articles, doing about 65 per cent of the business, concertedly refused to purchase from manufacturers shipping from other States into the city of Chicago who

sell to defendants' competitors, and thus to a great extent intentionally eliminated competition and restrained interstate trade and commerce; also that defendants agreed among themselves to concertedly fix and maintain uniform and noncompetitive prices, much higher than would obtain otherwise.

5. *United States* v. *Chicago Master Steam Fitters Association et al.* Indictment returned April 30, 1921, in the District Court at Chicago against 19 corporations and 24 individual defendants, including the business manager of the union called the Chicago Steam Fitters Protective Association, charging that the corporate defendants, managed and conducted by the individual defendants, carried on the business of furnishing and installing heating apparatus in houses and buildings in Chicago through an agreement not to purchase from or deal with manufacturers or others supplying heating apparatus and accessories to competitors of defendants or others not members of the association, thus monopolizing and restricting the trade, interstate in character, wholly to themselves. The monopolization and restraint was aided and made more stringent and effectual by the business manager of the steam fitters union, who, through an understanding with the steam fitters association, induced the members of the union to refuse to install any apparatus except for members of the association. Demurrers filed.

6. *United States* v. *Louis Biegler Co. et al.* Indictment returned April 30, 1921, in the District Court at Chicago, against 11 corporations and 18 individuals, manufacturing in Chicago sheet-metal articles used in building construction, charging that the defendants restrained and monopolized interstate trade and commerce by preventing competitors outside of Illinois from furnishing any appreciable quantity of their products in Chicago, whereby the defendants were enabled to exact excessive prices, through an agreement between the manufacturers and the Amalgamated Sheet Metal Workers' Union, whereby the manufacturers agreed to employ only sheet-metal workers who were members of the union and representatives of the union, the defendants, agreed that the union would refuse to install such sheet-metal articles in Chicago manufactured at plants outside of Illinois.

7. *United States v. Cement Manufacturers Protective Association et al.* On June 30, 1921, a civil suit against the Cement Manufacturers Protective Association and 19 corporate and 4 individual defendants was instituted in the District Court at New York City. The petition charged that the association was organized along the lines of the "Eddy plan," the "new competition," "one price plan," and "open competition," the fundamental principle of which is the exchange between the defendants of comprehensive statistical data ostensibly to let each know what his competitors are doing, but the underlying characteristic of all being that they are not open nor competition, and also that the defendants concertedly adopted 24 so-called trade practices tending to reduce to a minimum the possibility of competition.

8. *United States v. Atlas Portland Cement Co. et al.* Indictment returned August 8, 1921 in the Southern District of New York, against the 19 corporate defendants in the preceding case, and in addition 44 individuals, managing or conducting the business of the corporate defendants, the subject matter being the same.

9. *United States* v. *Alexander & Reid Co. et al.* Indictment returned August 31, 1921, in the District Court at New York City, against 25 corporations and 40 individuals engaged in furnishing and installing in and near New York City wall and floor tiles shipped from other States, charging among other things, that defendants agreed to furnish and install tiles only at noncompetitive, arbitrary, and excessive prices; that by an agreement between the defendants and the manufacturers the latter sold and shipped tiles in and near New York City only to defendants; and that the defendants also agreed with organizations of tile-setting workers in the City of New York not to work upon tiles not furnished by defendants. All but five of the defendants entered pleas of guilty in November, 1921, resulting in four jail sentences, and the imposition of fines on 29 persons and 17 firms.

10. *United States* v. *Andrews Lumber & Mill Co. et al.* Indictment returned September 2, 1921, at Chicago, superseding case 79 in President Wilson's administration (q. v.).

11. *United States* v. *Atlantic Terra Cotta Co. et al.* Indictment returned September 28, 1921, in the District Court at New York City, against 7 corporations and 12 individuals, engaged in the manufacture of terra cotta, alleging that the defendants combined and conspired to divide the country in three parts and assign to each a group of terra cotta manufacturers, who were to confine all shipments and sales exclusively within that territory, and that therefor the defendants used a so-called "open-price" or "open-competition" plan, whereby each exposed all the important details of his business to the others, the effect being to eliminate competition and artificially maintain arbitrary and excessive prices. In December, 1921, pleas of guilty were entered as to 7 corporate and 10 individual defendants, and a fine of $3,000 imposed upon each.

12. *United States* v. *The American Terra Cotta & Ceramic Co. et al.* Indictment returned September 28, 1921, in the District Court at New York City, against 22 corporations and 27 individuals, manufacturing almost all the terra-cotta building material produced in the United States, charging that defendants were associated through the National Terra Cotta Society, and by a so-called "open-price" or "open-competition" plan each forwarded to the society minute statistical data on its business, to be summarized and disseminated to all defendants; that thereby each possessed full information on the businesses of all, and was thus enabled to maintain an agreement dividing the country into three parts, to each of which a group of defendants was assigned and to which the defendants in that group were to confine their sales and shipments, thus enabling the defendants to exact excessive and arbitrary prices.

13. *United States* v. *Hiram Norcross et al.* Petition filed in October, 1921, in the Western District of Missouri, against Hiram Norcross, as sole owner and manager of the Norcross Audit and Statistical Bureau, and six subscribers to the bureau, charging a combination and conspiracy in restraint of interstate trade and commerce in Portand cement, by "gentlemen's agreements," restriction of production, interchange of statistics, withholding cement from the market, uniform cost accounting systems, etc.

14. *United States* v. *Mid West Cement Credit & Statistical Bureau et al.* Petition filed in October, 1921, in the Northern District of Illinois, charging defendants with

combining and conspiring to restrain interstate trade and commerce in Portland cement by means of "gentlemen's agreements," interchange of trade statistics, withholding of cement from the market, uniform systems of accounting, etc. It was alleged that in fact the association was not open and there was no competition.

15. *United States* v. *Johnston Brokerage Co. et al.* Indictment returned November 28, 1921, in Southern District of New York, presenting that the defendants, manufacturers and sellers of approximately two-thirds of all the hand-blown window glass used in building construction in the United States, were combining and conspiring to enhance prices and suppress competition by constituting the Johnston Brokerage Co. a sole selling agency for all of the defendants, and that the Johnston Co. arbitrarily fixed and dictated prices and apportioned sales and further that through the aid and cooperation of one Neenan and his labor organization certain "wage scales" were devised, whereby production was curtailed. Demurrer sustained, February, 1922. (See No. 23, *below.*)

16. *United States* v. *The Central Foundry Co. et al.* Indictment returned in the Southern District of New York, December 28, 1921, presenting that defendants, members of the Eastern Soil Pipe Manufacturers' Association, through the "open-price plan" were combining and conspiring to restrain interstate trade in cast-iron soil pipes and fittings, that arbitrary and excessive price schedules were maintained and that the practices complained of resulted in the elimination of practically all competition.

17. *United States* v. *Cement Securities Co. et al.* Petition filed in District of Colorado, in January, 1922, alleging that through acquisition of the majority stock of several cement manufacturing companies the Cement Securities Co. was enabled to eliminate competitors, monopolize the cement business in the Rocky Mountain States, and thus enhance prices and stand off new competition.

18. *United States* v. *Tile Manufacturers Credit Association et al.* Petition filed January 10, 1922, in the Southern District of Ohio, charging defendants with combining and conspiring to restrain the manufacture of encaustic tile, its transportation in interstate and foreign commerce, and its sale. The members of this association manufactured approximately 80 per cent of the commodity; the principal function of the association was to fix and maintain prices and furnish to its members information on the credit of tile purchasers.

19. *United States* v. *National Enameling & Stamping Company et al.* Petition filed in the Southern District of New York alleging that the defendants, members of an unincorporated "Open-price plan" association, combined and conspired to monopolize and restrain interstate trade and commerce in galvanized ware, through uniform price lists, terms of sale, freight allowances, and special discounts. With the filing of the petition a decree was entered restraining the acts complained of.

20. *United States* v. *Bricklayers', Masons' & Plasterers' International Union of America et al.* Petition filed February 28, 1922, in the Southern District of New York, charging the defendant association, comprising more than 100,000 members, its executive officers, and representatives of numerous local unions with combining and conspiring to restrain interstate trade and commerce in commodities used in the construction of buildings, by numerous agreements with employers' associations and by divers arbitrary working rules and illegal practices. These agreements granted exclusive rights and unlawful preferences to members of the employers' associations in engaging members of the union, illegally and arbitrarily dictated the conditions under which the material should be fabricated and installed by the union, and enforced boycotts and blacklists against owners, builders, and general contractors. The working rules prescribed limitations and substantial curtailment of the amount of work to be done within a stated period of time. The illegal practices included blacklisting, secondary boycotts, and unlawful threats to strike. With the filing of the petition a consent decree was entered against the international union, the executive officers of the international union, and all the representatives of the local unions except Nos. 4, 34, and 37, New York.

21. *United States* v. *United Gas Improvement Company et al.* Indictment returned March 6, 1922, in the Southern District of New York, charging three corporate and eight individual defendants with conspiring to restrain and monopolize interstate trade and commerce in manufacturing, selling, furnishing, and maintaining incandescent lamps, fixtures and appliances, through defendants having secured control of valuable patents and excluded others from the use of those patents; acquired and combined competing companies; and instituted tortuous litigation against competitors, intimidating them so as to prevent them from continuing in the industry.

22. *United States* v. *Lehigh Portland Cement Company et al.* Indictment returned March 9, 1922, in the Northern District of Illinois, charging 26 corporations and 48 individuals with combining and conspiring to restrain interstate commerce in Portland cement. Among other things, the defendants organized and maintained the Mid-West Cement Credit and Statistical Bureau, through which they exchanged comprehensive details with respect to their businesses.

23. *United States* v. *American Window Glass Company, Johnson Brokerage Company et al.* Indictment returned March 17, 1922, Southern District of New York, presenting that the defendant manufacturers and sellers of approximately 80 per cent of all the window glass used in building construction were combining and conspiring to curtail production and enhance prices and suppress competition, the American Window Glass Company maintaining its own selling agency, and the Johnston Brokerage Company acting as selling agent for all the other defendant manufacturers, by an interchange of price information arbitrarily fixed and dictated prices and apportioned sales; also through agreements between the manufacturers (with the aid and cooperation of three union labor leaders, Neenan, Zellers, and Andorfer) and their labor organizations whereby certain wage scales were devised and production then curtailed. (This indictment superseded No. 15, *above.*)

24. *United States* v. *Wickwire Spencer Steel Corporation et al.* Petition filed in Southern District of New York, March 20, 1922, alleging that the defendants combined and conspired to restrain and monopolize interstate trade and commerce in kitchen utensils. An association was conducted along the lines of the Eddy plan, and the defendants had a pooling arrangement as

to patents and agreements as to uniform freight allowances. With the filing of the petition a consent decree was entered prohibiting the acts complained of and dissolving the association.

25. *United States* v. *American Terra Cotta & Ceramic Company et al.* Indictment filed March 27, 1922, in the Northern District of Illinois, presenting that seven corporations and seven individuals had conspired and combined to restrain and monopolize interstate trade and commerce in terra cotta, by forming the National Terra Cotta Society; that such society divided the United States into sections, for trade purposes, with certain "open" territory; that the different members of the Society were designated to deal in one division and prohibited from doing business in other sections.

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Antietam (Md.), Battle of.—After the severe engagement at South Mountain, Lee's army concentrated to the west of Antietam Creek, a small stream flowing into the Potomac River, eight miles above Harpers Ferry. Here, near the town of Sharpsburg, between the Potomac and the creek, Lee awaited the return of Jackson, who had been sent to capture Harpers Ferry. According to Federal accounts, Lee had not more than 25,000 men until Jackson's two divisions came up. Later he was joined by D. H. Hill's, McLaw's and Anderson's divisions. This raised the strength of Lee's command to over 45,000 combatants. Sept. 16, 1862, McClellan's army, about 70,000 strong, was re-enforced to 87,164, of which 4,320 were cavalry. About 60,000 of this force bore the brunt of the battle. On the evening of the 16th Hooker's division crossed the creek and began an attack, which darkness ended. Fighting was resumed at daylight on the 17th and continued all day, with varying success and terrific slaughter. Darkness again put an end to the carnage. McClellan did not renew the attack on the 18th, but orders were issued to resume fighting on the 19th. During the night of the 18th, however, the Confederates withdrew to the west of the Potomac and proceeded toward Martinsburg. A few days later McClellan occupied Martinsburg. The total loss of the Union army was 12,469 (2,010 killed); of the Confederates, 25,899. Other estimates of the Confederate loss are 9,000 to 12,000. The official Confederate accounts claim that this was a drawn battle, and that the total effective force of Lee was a little more than 35,000. This was called by the Confederates the battle of Sharpsburg. (See illustration opposite 3225.)

Antiquities, American, Preservation of.—Under the act of Congress approved June 8, 1906, interdepartmental regulations governing the excavation, appropriation, etc., of prehistoric ruins or objects of antiquity have been promulgated by the Secretaries of the Interior, Agriculture, and War. Applications for permits to make excavations on the public lands, Indian reservations, or the national monuments named below should be addressed to the Secretary of the Interior. The following have been reserved from entry and set aside as national monuments: Devils Tower, Wyoming; Montezuma Castle, Arizona; Petrified Forest, Arizona; El Morro, New Mexico; Chaco Canyon, New Mexico; Muir Woods, California; Natural Bridges, Utah; Lewis and Clark Cavern, Montana; Tumacacori, Arizona; Navajo, Arizona; Mukuntuweap, Utah; Shoshone Cavern, Wyoming; Gran Quivira, New Mexico; Sitka National Monument, Alaska; Rainbow Bridge, Utah; Pinnacles, California; Colorado, Colorado. Eleven other national monuments within national forests have also been set aside under this act and placed under the jurisdiction of the Secretary of Agriculture, to whom inquiries in regard thereto should be addressed.

See also National Monuments.

Anzac.—The nickname used in the World War to designate the British troops from Australia and New Zealand. It was derived from the initial letters of the official title of the first Australian troops sent to France, Australian and New Zealand Army Corps.

Apache Indians. (See Indian Tribes.)
Apalachicola Indians. (See Indian Tribes.)
Apollo, The, seizure of, by American Government referred to, 669.
Appeal, Government Right of, in criminal cases, 7023.
Appeals, Courts of. (See Courts of Appeals.)
Appointing Power of President. (See Executive Nominations.)
Appointment to Office. (See Executive Nominations.)

Appointments, Division of Postmasters, Post-Office Department.—This division falls under the supervision of the First Assistant Postmaster-General (q. v.). By order of President Wilson, effective April 1, 1917, all postmasterships in the Department of the Post-Office are placed under Civil Service. (See Civil Service; Civil Service Commission; Post-Office Department.)

Appomattox (Va.), Battle of.—After the battle of Farmville, April 7, 1865, Lee moved off toward the west, closely followed by Meade on the north side of the Appomattox. Sherman learning of the arrival of supply trains for Lee's Army at Appomattox Station, pushed forward for that place with all the cavalry. Lee's hopeless condition being now apparent, Grant sent him a note inviting surrender. Lee replied, asking for terms, and Grant insisted upon the unconditional surrender of the Confederate Army of Northern Virginia. On the night of April 8 Custer, who was in Sheridan's advance, reached Appomattox Station, where the Confederate advance had just arrived. He attacked the forces and captured 25 guns and 4 supply trains, a hospital train, and a park of wagons. During the night Sheridan came up, and by daylight was joined by Gen. Ord's command and the Fifth Corps. Lee was now only 20 miles from Lynchburg, his objective point. At first, underestimating the opposing forces, he ordered Gen. Gordon to make a reconnoissance and attack. Sheridan's cavalry withdrew to one side and revealed the lines of Ord's and Griffin's commands in line of battle. Gordon sent forward a white flag. Gen. Lee then dispatched a note to Gen. Grant requesting an interview, which being allowed closed with the signing of articles of surrender of Lee's army and camp followers, about 27,000 men. The officers and men were paroled April 12, and allowed to return to their homes. All public property was turned over, but the officers were allowed to keep their side arms and both officers and men to retain their private horses and baggage.

Apportionment.—The distribution of representation in the Federal House of Representatives and in the general assemblies of the various States. In the Continental Congress each State had but one vote. Long contention over the matter of representation finally led to the establishment of two Houses of Congress—the Senate, wherein all States should have equal representation regardless of area or population, and the House, in which each State should have representation in proportion to its population. President Washington vetoed a bill on this subject (116). A census was taken and 1 Representative was allowed for every 30,000 inhabitants. This rule governed apportionments for 70 years, though the ratio was changed from time to time as the population increased.

In order to keep the number of members of the House a fixed quantity, the Thirty-first Congress decided to divide the representative population by 233 after each census, and by the quotient thus obtained divide the representative population of each State. This gave the number of Representatives to which each State was entitled, and when the total number fell short of 233, Representatives were allowed the States having the largest fractions after division. According to the apportionment act of Jan. 16, 1901, it was provided that after March 3, 1903, the House should be composed of 386 members, to be chosen in districts composed of contiguous and compact territory and containing as nearly as practicable an equal number of inhabitants, each district electing one Representative. It was also provided that in case of an increase allowed any State, such additional ones shall be elected by the State at large until the State shall be redistricted; and that whenever a new State is admitted to the Union the Representative or Representatives assigned to it shall be in addition to the number 386. According to the census of 1900 the ratio of apportionment was 194,182, and as this gave only 384 Representatives, Nebraska and Virginia were each allowed one additional, making a total of 386 Representatives. (See also Gerrymander.)

By an act of Congress approved Aug. 8, 1911, the ratio of representation under the thirteenth census was fixed at one for each 212,407 of population, increasing the number of representatives to 435. The table on the following page shows the ratio of representation in each Congress under the Constitution.

Apportionment:

According to census of 1890 necessary, 5553.

Approved and reasons therefor, 2012. Vetoed, 116.

Appropriations.—Article 1, section 7, clause 1, of the Constitution provides that "All bills for raising revenue shall originate in the House of Representatives"; a similar privilege has been claimed by the House in the case of appropriations of public money, but in this case the claim has not been insisted on. Previous to 1865 the appropriation bills were, in the House, considered by the Committee of Ways and Means, but in that year the Committee on Appropriations was formed. By a rule of the House and Senate, appropriation bills must include only items authorized by existing laws, and they cannot contain provisions changing existing laws. But this rule is frequently disregarded. These bills must be reported to the Committee of the Whole, and may be reported at any time, taking precedence of any other measures. This rule puts vast power into the hands of the chairman of the committee, and of late years this power has been used to choke discussion on the subject of the tariff, by withholding the report of the appropriation bills until the end of the session and then introducing them at a time when, the most urgent duties of Congress having been performed, that topic is most likely to come up for discussion. In the House the yeas and nays on the passage of these bills must be recorded. But bills are frequently passed under a suspension of this rule. In the Senate this is not necessary. The Appropriation Committee in that body was organized in 1867, the Finance Committee having previously had that matter in charge. The appropriation bills are made up from estimates furnished by the heads of the executive departments; these are usually much reduced in the House, and these estimates are again usually raised by the Senate (which body has less political capital to make out of a claim of economy); a compromise between the two usually results in appropriations considerably lower than the amount asked for by the department officers. This necessitates the passage, at the beginning of every session, of a bill to supply the deficiency of the previous appropriations; this bill is known as the Deficiency Bill.

APPORTIONMENT OF CONGRESSIONAL REPRESENTATION

State	Ratios under Constitution and at each Census, 1790 to 1910, by States													
	Constitution	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910 | 1920
	30,000	33,000	33,000	35,000	40,000	47,700	70,680	93,423	127,381	131,425	151,911	173,901	194 182	212,407 | 243,013
	Representation													
Alabama	....	....	....	1	3	5	7	7	6	8	8	9	9	10
Arizona	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Arkansas	....	....	....	....	....	1	1	2	3	4	5	6	7	7
California	....	....	....	....	....	....	2	2	3	4	6	7	8	11
Colorado	....	....	....	....	....	....	....	....	....	1	1	2	3	4
Connecticut	5	7	7	7	6	6	4	4	4	4	4	4	5	5
Delaware	1	1	1	2	1	1	1	1	1	1	1	1	1	1
Florida	....	....	....	....	....	....	1	1	1	2	2	2	2	4
Georgia	3	2	4	6	7	9	8	8	7	9	10	11	11	12
Idaho	....	....	....	....	....	....	....	....	....	....	1	1	1	2
Illinois	....	....	....	1	1	3	7	9	14	19	20	22	25	27
Indiana	....	....	....	1	3	7	10	11	11	13	13	13	13	13
Iowa	....	....	....	....	....	....	2	2	6	9	11	11	11	11
Kansas	....	....	....	....	....	....	....	....	1	3	7	8	8	8
Kentucky	....	2	6	10	12	13	10	10	9	10	11	11	11	11
Louisiana	....	....	....	1	3	3	4	4	5	6	6	6	7	8
Maine	....	....	....	*7	7	8	7	6	5	5	4	4	4	4
Maryland	6	8	9	9	9	8	6	6	5	6	6	6	6	6
Massachusetts	8	14	17	13	13	12	10	11	10	11	12	13	14	16
Michigan	....	....	....	....	....	1	3	4	6	9	11	12	12	13
Minnesota	....	....	....	....	....	....	....	2	2	3	5	7	9	10
Mississippi	....	....	....	1	1	2	4	5	5	6	7	7	8	8
Missouri	....	....	....	....	1	2	5	7	9	13	14	15	16	16
Montana	....	....	....	....	....	....	....	....	....	....	1	1	1	2
Nebraska	....	....	....	....	....	....	....	....	1	1	3	6	6	6
Nevada	....	....	....	....	....	....	....	....	1	1	1	1	1	1
N. Hampshire	3	4	5	6	6	5	4	3	3	3	2	2	2	2
New Jersey	4	5	6	6	6	6	5	5	5	7	7	8	10	12
New Mexico	....	....	....	....	....	....	....	....	....	....	....	....	....	1
New York	6	10	17	27	34	40	34	33	31	33	34	34	37	43
North Carolina	5	10	12	13	13	13	9	8	7	8	9	9	10	10
North Dakota	....	....	....	....	....	....	....	....	....	....	1	1	2	3
Ohio	....	....	1	6	14	19	21	21	19	20	21	21	21	22
Oklahoma	....	....	....	....	....	....	....	....	....	....	....	....	....	8
Oregon	....	....	....	....	....	....	....	1	1	1	1	2	2	3
Pennsylvania	8	13	18	23	26	28	24	25	24	27	28	30	32	36
Rhode Island	1	2	2	2	2	2	2	2	2	2	2	2	2	3
South Carolina	5	6	8	9	9	9	7	6	4	5	7	7	7	7
South Dakota	....	....	....	....	....	....	....	....	....	....	2	2	2	3
Tennessee	....	1	3	6	9	13	11	10	8	10	10	10	10	10
Texas	....	....	....	....	....	....	2	2	4	6	11	13	16	18
Utah	....	....	....	....	....	....	....	....	....	....	....	1	1	2
Vermont	....	2	4	6	5	5	4	3	3	3	2	2	2	2
Virginia	10	19	22	23	22	21	15	13	11	9	10	10	10	10
Washington	....	....	....	....	....	....	....	....	....	....	1	2	3	5
West Virginia	....	....	....	....	....	....	....	....	....	3	4	4	5	6
Wisconsin	....	....	....	....	....	....	2	3	6	8	9	10	11	11
Wyoming	....	....	....	....	....	....	....	....	....	....	1	1	1	1
Total	65	106	142	186	213	242	232	237	243	293	332	357	386	435

*Included in the 20 members originally assigned to Massachusetts, but credited to Maine after its admission as a State March 15, 1820.

NOTE—The following representation included in the table was added after the several census apportionments indicated: First—Tennessee, 1. Second—Ohio, 1. Third—Alabama, 1; Illinois, 1; Indiana, 1; Louisiana, 1; Maine, 7; Mississippi, 1. Fifth—Arkansas, 1; Michigan, 1. Sixth—California, 2; Florida, 1; Iowa, 2; Texas, 2; Wisconsin, 2. Seventh—Massachusetts, 1; Minnesota, 2; Oregon, 1. Eighth—Illinois, 1; Iowa, 1; Kentucky, 1; Minnesota, 1; Nebraska, 1; Nevada, 1; Ohio, 1; Pennsylvania, 1; Rhode Island, 1; Vermont, 1. Ninth—Colorado, 1. Tenth—Idaho, 1; Montana, 1; North Dakota, 1; South Dakota, 2; Washington, 1; Wyoming, 1. Eleventh—Utah, 1. Thirteenth—Alabama, 1; Arizona, 1; California, 3; Colorado, 1; Florida, 2; Georgia, 1; Idaho, 1; Illinois, 2; Louisiana, 1; Massachusetts, 2; Michigan, 1; Minnesota, 1; Montana, 1; New Jersey, 2; New Mexico, 1; New York, 6; North Dakota, 1; Ohio, 1; Oklahoma, 8; Oregon, 1; Pennsylvania, 4; Rhode Island, 1; South Dakota, 1; Texas, 2; Utah, 1; Washington, 2; West Virginia, 1.

Besides the appropriations there are "permanent annual appropriations," or money expended by the treasury by virtue of laws whose operation involves the expenditure without a specific appropriation renewed each year, as interest on the public debt. (See Riders.)

See also Budget, National.

Appropriations:

Acts making, vetoed. (See the several subjects.)

Appropriation bill, special session messages regarding failure to pass, 2927, 4404, 4472.

Appropriation bills failing to pass, effect of, discussed, 3101.

Bill providing for, vetoed, 8845.

General legislation in appropriation bills objected to, 2993, 3020, 5363.

In House of Representatives should be initiated and prepared through single committee, 8405.

Power of Congress to designate officer to expend, discussed, 3128.

Reference to, 2918.

Should not be made unless necessary, 1248.

Suspension of, referred to, 1839.

Systematic and economical way of making, discussed by President Taft, 7490.

Arabia is a peninsula toward the southwest of the Asiatic continent, forming the connecting link between Asia and Africa, and lying between 34° 30′-60° E. long. and 12° 45′-34° 50′ N. lat. The northwestern limit is generally taken from Akaba, at the head of the Gulf of Akbar, to a point in the Syrian Desert about 150 miles northeast, and thence northwards to a point about fifty miles due east of Damascus. The remaining land boundaries are in the form of a horseshoe, encompassing the Syrian Desert, and descending in a southeasterly direction to the head of the Persian Gulf, and thus excluding the whole of Mesopotamia and the Euphrates Valley. The other boundaries of Arabia are the Red Sea and Gulf of Aden, the Arabian Sea, and the Persian Gulf and Gulf of Oman.

The area of Arabia is estimated at 1,200,000 square miles, of which 200,000 are comprised in the Sinaitic peninsula and the Syrian Desert. Large stretches of the country remain unknown, even to the present day, especially to the Christian peoples of the world. The population may be placed at 6,000,000. The soil is largely desert and can support only a thinly-spread population, and most of the inhabitants lead a nomadic existence. The people are chiefly Mohammedans.

Before the World War, Turkey enjoyed a nominal suzerainty over most of Arabia, but in November, 1916, Grand Sheriff Hussein, of Mecca, assumed the title of King of the Hejaz and, assisted by the British, achieved independence. His armies aided the British in Palestine and with peace with Germany, Hejaz was constituted a free nation. The importance of Hejaz depends upon the pilgrimages to the holy cities of Medina and Mecca. Medina ("the City"), 820 miles by rail from Damascus, and the present terminus of the Hejaz Railway, has a permanent population of about 20,000, and is celebrated as the burial place of Mahomet, who died in the city on June 7, 632. The Mosque of the Prophet (500 feet in length and over 300 in breadth) contains the sacred tomb of Mahomet. Mecca, the birthplace of the Prophet, is forty-five miles east of the seaport of Jidda, and about 200 miles south of Medina, and has a fixed population estimated at 60,000. The city contains the great mosque surrounding the Kaaba or sacred shrine of the Mohammedan religion, in which is the black stone "given by Gabriel to Abraham," placed in the southeast wall of the Kaaba at such a height that it may be kissed by the devout pilgrim.

Arabia, boundaries of, discussed, 8840, 8841.

Arapahoe Indians. (See Indian Tribes.)

Arbitration (International) and Disarmament.—The movement in behalf of universal peace between the nations had created before 1914 a great amount of interest and enthusiasm, although the outbreak of the World War proved that the movement had aimed at superficial instead of at fundamental methods of preventing international wars. An International Peace Conference had met annually for the twenty-two years prior to 1914 and a Palace of Peace had been erected at the Hague through the gift of Mr. Andrew Carnegie.

A Permanent International Court of Arbitration was established at The Hague by a treaty of July, 1899, which was signed and later ratified by twenty-four powers. Representation in the court by non-signatory powers was provided for by protocol of June, 1907. The permanent court consists of men of recognized authority on international law. The members on the part of the United States are Senator Elihu Root, John Bassett Moore, Judge George Gray and Hon. Oscar S. Straus. (See Hague Peace Conference.) A number of cases have been tried by this court—one of the most important being the Atlantic Fisheries Dispute, which threatened the friendly relations of Great Britain and Canada with the United States, and in which a satisfactory settlement was reached. (See Great Britain, Treaties with. Here, under the heading Arbitration, will be found the essential principles of all international arbitration treaties.)

The terms of peace which ended the World War confessedly comprised, perhaps unnecessarily, perhaps inevitably, many seeds from which wars had sprung in the past—such as the suppression of great nations and of minor nationalities, the consummation of separate alliances and protective treaties, the continuation of huge armaments, of conscription and of compulsory military service, the absence of freedom of the seas, the erection of a number of "buffer states" in Europe, the intensification of international commercial rivalry in the markets of the world and especially in undeveloped territories, official propaganda directed against rival nations, the absence of an international police force, the refusal to permit certain sections of nationalities to join other sections of the same nationality contiguous to them, etc. Indeed, with the conclusion of the major hostilities of the World War, more than twenty minor wars were being waged; and there were many predictions that there might be several generations of war ahead of the world before the World War was finally liquidated.

The movement for disarmament, or the limitation of armaments, has made little material progress, similarly. In the latter half of the nineteenth century, the Prussian policy of compulsory military training became adopted by most of the nations of Europe, with the exception of Great Britain. In the twentieth century, the commercial rivalry between Great Britain and Germany induced the latter to attempt to rival the former's naval strength, and at the same time the French determination to regain Alsace-Lorraine made inevitable military so well as naval armaments on the greatest possible scale throughout Europe. And although the fourth of the fourteen principles of peace on which it had been promised that the settlements of the World War would be based had demanded the reduction of national armaments to the lowest point consistent with national safety, each country, as before the war, was left largely to be its own judge of the point of national safety and no concrete steps of value were taken to obtain the promised reduction of armaments.

Between August 7, 1913, and September 15, 1914, the United States, through Secretary of State Bryan, signed peace treaties with the following 26 nations: Argentina, Bolivia, Brazil, Chile, China, Costa Rica, Denmark, Dominican Republic, England, France, Guatemala, Honduras, Italy, Netherlands, Nicaragua, Norway, Panama, Paraguay, Persia, Peru, Portugal, Salvador, Spain, Switerland, Uruguay, Venezuela.

The following text of the treaty with The Netherlands will serve to show the nature of all the "Bryan" treaties:

ARTICLE I

The High Contracting Parties agree that all disputes between them, of every nature whatsoever, to the settlement of which previous arbitration treaties or agreements do not apply in their terms or are not applied in fact, shall, when diplomatic methods of adjustment have failed, be referred for investigation and report to a permanent International Commission, to be constituted in the manner prescribed in the next succeeding article; and they agree not to declare war or begin hostilities during such investigation and before the report is submitted.

ARTICLE II

The International Commission shall be composed of five members, to be appointed as follows: One member shall be chosen from each country, by the Government thereof; one member shall be chosen by each Government from some third country; the fifth member shall be chosen by common agreement between the two Governments, it being understood that he shall not be a citizen of either country. The expense of the Commission shall be paid by the two Governments in equal proportion.

The International Commission shall be appointed within six months after the exchange of the ratifications of this treaty; and vacancies shall be filled according to the manner of the original appointment.

ARTICLE III

In case the High Contracting Parties shall have failed to adjust a dispute by diplomatic methods, they shall at once refer it to the International Commission for investigation and report. The International Commission may, however, spontaneously offer its services to that effect, and in such case it shall notify both Governments and request their co-operation in the investigation.

The High Contracting Parties agree to furnish the Permanent International Commission with all the means and facilities required for its investigation and report.

The report of the International Commission shall be completed within one year after the date on which it shall declare its investigation to have begun, unless the High Contracting Parties shall limit or extend the time by mutual agreement. The report shall be prepared in triplicate; one copy shall be presented to each Government, and the third retained by the Commission for its files.

The High Contracting Parties reserve the right to act independently on the subject-matter of the dispute after the report of the Commission shall have been submitted.

ARTICLE IV

The present treaty shall be ratified by the President of the United States of America, by and with the advice and consent of the Senate thereof; and by her Majesty the Queen of The Netherlands; and the ratifications shall be exchanged as soon as possible. It shall take effect immediately after the exchange of ratifications, and shall continue in force for a period of five years; and it shall thereafter remain in force until twelve months after one of the High Contracting Parties have given notice to the other of an intention to terminate it.

By Dec. 15, 1916, the following countries had been added to those listed above which have signed the peace treaties: Ecuador, Greece, Sweden and Russia.

As will be seen, when any dispute arises between the United States and one of the signatory nations which cannot be settled by diplomacy, it goes before a permanent international commission. This commission investigates and reports, having a year in which to accomplish its work. During this year, the nations are not allowed to declare war. When the report is made, the nations may disregard it, if they so desire; but the delay and the investigation, with their consequent sobering of international and national thought, should make a resort to arms extremely unlikely.

According to La Fontaine, between 1821 and 1900, 281 treaties of arbitration had been signed by nations of the globe. According to Moch, of such treaties there were 194 in effect in 1909. In 1908, there were 80 treaties between nations making arbitration compulsory, and over 100 by the time of the European War.

According to Moch, from 1800 to 1904, 243 formal arbitrations took place, all of them successful; and Darby gives 297 other instances during this period in which the principle of arbitration was applied. The most important case of arbitration in United States history is that concerned with the *Alabama* claims (q. v.).

Among the treaties providing for unlimited and unqualified arbitration are those between Argentine and Chile, 1902; Denmark and Netherland, 1906; Denmark and Italy, 1906; Denmark and Portugal, 1907; Costa Rica, Honduras, Guatemala, Nicaragua, Salvador, 1907; Italy and Netherlands, 1909.

Arbitration, International:
Anglo-American convention for, 7410.
Arbitration Court at Hague, United

States and Mexico first to use, 6718.
Arbitration treaties, ratification asked, 7906.
Armaments, limitation of, discussed by President Taft, 7494.
Armaments, limitation of, necessary to perpetual peace, 8203.
Attitude of Great Britain and the United States discussed, 5874, 6154, 6178, 6241, 6267, 6432.
Chamizal boundary question with under, discussed, 7658, 7780.
Claim of Alsop & Co. against Chile settled by, 7657.
Convention with republics of South and Central America for arbitration of pecuniary claims, 7982.
Disarmament, naval, impossibility of, 7113.
Disarmament to the point of domestic safety essential, after European War, 8424.
Discussed by President—
Roosevelt, 6923, 6993.
Taft, 7494, 7656, 7771, 7789.
Interparliamentary union for, 6796.
Limitations of naval armaments, hopelessness of, 7113.
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Arbitration, Labor. (See Labor Arbitration.)

Arbor Day.—The first suggestion of tree planting under the direction of state authority was made by B. G. Northrop, then Secretary of the Connecticut Board of Education, about 1865, in an official state report. In 1876 this same gentleman endeavored to stimulate "centennial tree planting" by the offer of prizes to the children of Connecticut. But the idea of setting apart a day for the work had originated with ex-Governor J. Sterling Morton, of Nebraska, who, about 1872, induced the Governor of that state to issue a proclamation appointing a day for the planting of trees throughout the state. In honor of Mr. Morton his birthday, April 22, was made a legal holiday by the Legislature, and provision was made for awarding premiums to those who put out the most trees.

The example of Nebraska was soon followed by Kansas, and with grand results. Arbor Day in Minnesota, first observed in 1876, resulted, it is said, in planting over a million and a half of trees. In Michigan the Arbor Day law was passed in 1881, and in Ohio in 1882. Since then Arbor Day has been observed in Colorado, Wisconsin, West Virginia, Indiana, Vermont, New Hampshire, Massachusetts, New Jersey, Pennsylvania, Florida, Alabama, Missouri, California, Kentucky, Maine and Georgia. In several other states its observance has been secured by the recommendation of the Grange, the Grand Army of the Republic, or by state agricultural societies. On the first Ohio Arbor Day the children of Cincinnati joined in an attractive celebration, in the form of planting memorial trees and dedicating them to authors, statesmen, and other distinguished citizens. The date is not uniform, but is usually late in April or early in May, varying from January to March.

Arbuthnot and Ambrister's Execution.—When Andrew Jackson was conducting his campaign against the Creek Indians in Georgia and Florida, he claimed that his plans were frustrated by a Scotch trader named Robert Arbuthnot and an English settler named Robert Ambrister. The two men were court-martialed, the former on the ground of inciting the Indians to war against the United States, the latter on the ground of inciting and aiding the enemy. Each was sentenced to death, but the court later commuted the penalty for Ambrister. Jackson, however, restored the original penalty, and both men were executed on April 29, 1818. There seems to be little evidence that either of them was guilty. (See page 612.)

Archangel, Russia, American and Allied troops at, 8591.

Archives, public building for, recommended, 7728.

Arctic Circle.—Known lands of the arctic regions are estimated at 1,233,000 square miles in area. The most important is Greenland, discovered by Eric the Red in 986. Later explorers were Davis (1585), Kane, Hall, Nares, Greely, Nansen, and Peary. It is regarded as a Danish possession. The islands of the Arctic Archipelago of North America belong to Great Britain. Spitzbergen was visited by Dutch navigators in 1596. It belongs to Russia, and affords a base for Swedish explorers of the arctic regions. Nova Zembla and Kolguev also belong to Russia. Franz Josef Land was discovered by Austrian explorers. It is uninhabited. The productions of these frigid lands are sealskins, blubber, cod liver oil, furs and ivory.

Arctic Expedition, Second, publication of second edition of, suggested, 4666.

(See also Exploring Expeditions.)

Arctic Explorations.—Arctic explorations to the north of the American continent begin with Frobisher (1576), Davis (1585-88), and Baffin (1616) who discovered the straits and bay which bear their names. In 1612 Henry Hudson entered Hudsons Bay and wintered there, but was abandoned by his men the next spring and perished.

For over 200 years nothing more was done in this direction, although Hearne (1770) and Mackenzie (1789) had located the mouths of the Coppermine and Mackenzie rivers and traced a part of the coast, while Vitus Bering (1641) and other Russian captains explored the shores of Alaska. The reports of Scoresby, a Scotch whaler, in the summer of 1817, excited new interest in the problem of a northwest passage, and in 1818 the British Government sent out an expedition under John Ross. Ross penetrated Lancaster Sound for some fifty miles, but, believing it was closed by mountains, returned to England. His second in command, W. E. Parry, sent out the next year, sailed over the supposed mountains and reached Melville Island in longtitude 114°, where he wintered, but was unable to go further. In 1827, however, in an expedition toward the pole through the Spitzbergen Sea, he reached 82° 45′, which remained for some years the highest latitude attained. An expedition in 1829-33 under John Ross and James C. Ross made extensive explorations in the region of the North Magnetic Pole. Land expeditions by Sir John Franklin (1820-21), Franklin and Richardson (1825-26), Back (1833-34), Dease and Simpson (1838-39), and Rae (1846-47) practically determined the northern coastline of the continent.

In 1845 Sir John Franklin sailed on another expedition from which he never returned. In the course of the expeditions to rescue his party or learn their fate the islands and channels north of the continent were pretty thoroughly explored and mapped. From the west, McClure (1850) reached Parry Sound, discovered by Parry; his crew, joining by sledge the eastern squadron under Sir Edward Belcher, was the only party to accomplish the Northwest Passage; Collinson, sailing at the same time, coasted the northern shore of the continent, reaching, without knowing it, the scene of Franklin's death on King William Land. From the east between 1849 and 1855, eight expeditions, fitted out by the British Government, by private parties, and by Lady Franklin, searched in vain for Franklin and his men.

The work of American explorers begins with the Grinnell expedition under De Haven and Kane, in 1850. Information obtained by Dr. Rae, in a land journey in 1854, had already made evident the loss of Franklin and his men; but Lady Franklin determined to make one last effort, sent out, in 1859, the *Little Fox*, under the command of McClintock, who obtained a record (the only one found) stating the abandonment of the ships and Franklin's death. But little has been done in this field since 1855, although in 1898-99, Sverdrup (Norwegian) visited Jones Sound, traced the west coast of Grinnell Land, and discovered several islands. Two American expeditions, those of Kane in 1853, and Hayes in 1860, undertaken with the object of exploring Smith Sound, discovered Kane Sea and Kennedy Channel, and reached 80° 35′ and 81° 35′ respectively. In 1870, C. F. Hall, an American, who had already spent several years among the Hudson Bay Eskimos, searching for traces of the Franklin expedition, reached 82° 11′ in the sea north of Kennedy Channel; a record which was surpassed five years later by the British expendition under Nares, with 83° 20′.

In 1881 an American expedition under Lieut. A. W. Greely was sent to establish one of the International Circumpolar Stations at Lady Franklin Bay. It secured valuable scientific data, made extensive explorations, and a party under Lieutenant Lockwood reached the farthest north up to that time attained, 83° 24′. In the fall of 1883 the party was forced to retreat to Cape Sabine, where they were rescued the next spring, after much suffering and the loss of several lives.

In the interior of Greenland, important explorations have been made by Nordenskjöld in 1870 and 1883; Nansen in 1888; and especially by the American expeditions commanded by Lieut. Peary in 1886, 1891-92, and 1893-95. In these expeditions, and in a longer and still more successful visit in 1898-1902 Peary determined the northern limits of Greenland, besides exploring Grinnell Land and reaching 84° 17′.

July 17, 1905, Lieut. Peary sailed in the new ship *Roosevelt* on another expedition, intending to push his ship as far north as possible through Smith Sound and make a dash for the Pole by sledges.

This trip proving fruitless, a second voyage was made by the *Roosevelt*, leaving New York, July 6, 1908, and arriving at Etah, Greenland, Aug. 18. Proceeding thence overland, Lieut. Peary arrived at 90° N. Lat. (the north pole) April 6, 1909.

Spitzbergen and the seas north of Asia have been the field of many expeditions. The exploration of Spitzbergen, discovered by Barents (1596), was carried on by Nordenskjöld in 1863-64, and 1872; the islands served as a starting point for André's ill-fated balloon (1897), and were visited by Wellman (American), 1894. Franz Josef Land, discovered by the Austrian expedition under Weyprecht and Payer in 1873, was chosen as a base for the Harmsworth-Jackson expedition in 1893, and the two expeditions sent out by William Ziegler of Brooklyn, under Baldwin (1901), and Fiala (1903), neither of which succeeded in reaching its objective point, the north pole. The Duke of Abruzzi's expedition from the same quarter in 1902 was more successful, reaching 86° 34′, the farthest north ever attained. A French expedition led by the Duke of Orleans was, at the beginning of 1906, somewhere north of Franz Josef Land. In 1893, Frithiof Nansen, a Norwegian, entering the ice north of Asia, allowed himself to be carried by the currents until, leaving his ship, he reached by a sledge journey 86° 14′.

The Northeast Passage, long an object of English and Russian exploration, was accomplished by Nordenskjöld in 1878-79. The westernmost of the Asiatic islands were discovered by the American expedition under G. W. DeLong in the *Jeannette*, which, setting out from San Francisco in 1879, was crushed in the ice. DeLong and the larger part of the crew perishing during the retreat. Late in 1905 the Amundsen expedition returned with valuable discoveries concerning the position of the North Magnetic Pole.

For a description of the discovery of the North Pole and the South Pole, see the article North Polar and South Polar Regions.

Argentina.—A republic occupying the greater portion of the southern part of the South American Continent, and extending from Bolivia to Cape Horn, a total distance of nearly 2,300 miles; its greatest breadth is about 930 miles. It is bounded on the north by Bolivia, on the northeast by Paraguay, Brazil, and Uruguay, on the southeast and south by the Atlantic, and on the west by Chile, from which Republic it is separated by the Cordillera de los Andes.

Physical Features.—On the west the mountainous Cordilleras, with their plateaus, extend from the northern to the southern boundaries; on the east are the great plains (known as El Gran Chaco) and the treeless pampas, which together constitute La Plata, extending from the Bolivian boundary in the north to the Rio Negro; and south of the Rio Negro are the vast plains of Patagonia. Argentina thus contains a succession of level plains, broken only in Cordoba by the San Luis and Cordoba ranges, and in the northwestern states by the eastern spurs of the Andes. The Paraná River, formed by the junction of the Upper Paraná with the Uruguay River, flows through the northeastern states into the Atlantic, and is navigable throughout its course; the Pilcomayo, Bermejo, and Salado del Norte are also navigable for some distance from their confluence with the Paraná. In Buenos Aires the Salado del Sud flows southeast for some 300 miles into Samborombon Bay (Atlantic). In the south the Colorado and Rio Negro rise in the extreme west and flow across the pampas into the Atlantic, many similar streams in Patagonia traversing the country from the Andes to the Atlantic.

Government.—The constitution is that of a Federal Republic modelled upon that of the United States of America, and embodied in the fundamental law of May 15, 1853, with amendments of 1860, 1866, 1898. The President and Vice-President are elected for six years by an electoral college.

There is a responsible Ministry, appointed by the President, consisting of eight Secretaries of State.

Congress sits annually from May 1 to September 30, and consists of a Senate of thirty members (two from each of the fourteen Provinces, and two from the capital), elected (by an electoral college) for nine years, one-third being renewable every three years; and of a Chamber of Deputies of 120 members, elected by the people for four years, and one-half renewable every two years. There is one deputy for each 33,000 citizens. One-half of the House of Deputies is elected every two years. Both President and Vice-President must be Argentines by birth and Roman Catholic in faith, and are not eligible for re-election.

The Judicial System consists, like that of the United States, of a Federal Supreme Court and the Courts of Appeal, with Provincial Courts in each State for non-national or single state causes.

Production and Industry.—Of the total area about one-third is suitable for agriculture and cattle raising, and vast tracts are held by the Federal Government for sale or lease to colonists. In 1917, some 58,000,000 acres of the total area of some 728,000,000 acres were under cultivation. The principal crop is wheat, of which 5,000,000 tons were produced in 1918-19. Other important crops are maize, flax and oats. Cotton, tobacco and sugar are also grown, and of late years there has been a remarkable growth in the sugar industry. There is a large export trade in frozen and chilled meat.

The latest figures for the most common animals within Argentine are as follows: Cattle, 26,000,000; Horses, 8,000,000; Sheep, 43,000,000. The wool clip for 1917-18 was 180,000 tons.

In the last industrial census, there were 35,093 factories, employing 383,706 persons and with a capital of some $500,000,000. Mining is not extensive, although there are some deposits of gold, coal, petroleum, silver and copper.

History.—Argentina was discovered in 1508 by Juan Diaz de Solis and Vicente Yánez Pinzón. In 1535, Buenos Aires was founded by Pedro de Mendoza, who had been sent by the King of Spain. Argentina remained a Spanish colony until 1810, when it revolted from Spanish rule, achieving independence in 1816, although it was not until 1853 that a stable government was established.

The formal designation of the country is Argentine Nation. Patagonia and Tierra del Fuego were divided between Argentina and Chile in 1881.

From 1835 to 1852 the country was under the dictatorship of Rosas. Brazil and Argentina were allied in a war with Paraguay from 1865 to 1870. In 1902 a dispute of considerable bitterness arose with Chile, respecting the armaments and size of their respective navies. It was eventually settled by treaty in January, 1903, by which it was agreed that both navies were to be maintained at identical strength and that certain ships, then being built for both parties in various European yards, were to be sold.

PROVINCES	*Area, Sq. Miles*	*Population, 1918*
Buenos Aires (La Plata)	117,777	2,190,876
Catamarca	36,800	106,500
Córdoba	66,912	766,875
Corrientes	33,535	357,026
Entre Ríos (Parana)	29,241	444,991
Jujuy	14,802	77,990
Mendoza	56,502	298,225
Rioja	37,839	83,146
Salta	48,302	147,537
San Juan	37,865	127,775
San Luis	29,035	124,387
Santa Fé	50,713	947,804
Santiago del Estero	55,385	285,681
Tucumán	10,422	354,545
FEDERAL DISTRICT		
Buenos Aires	72	1,615,223
TERRITORIES		
Chaco (Resistancia)	52,741	48,599
Chubut (Rawson)	93,427	25,838
Formosa	41,402	20,399
Los Andes	39,740	2,572
Misiones (Posadas)	11,511	57,544
Neuquen (Chos Malal)	40,530	30,474
Pampa Central (General Acha)	56,320	111,887
Rio Negro (Viedma)	79,805	44,963
Santa Cruz (Gallegos)	109,142	10,882
Tierra del Fuega (Ushuaia)	8,299	2,527
Total	1,153,119	8,284,266

Of the total population, 4,440,367 were males and 3,843,899 were females.

The number of immigrants coming to Argentina in the last 60 years has been as follows:

Italians	2,296,834
Spaniards	1,527,115
French	226,481
Russians	121,513
Austrians	81,290
Germans	62,496
British	57,243
Miscellaneous	155,102

Army.—Service in the Army is universal and compulsory on all citizens between the ages of 20 and 45: for 10 years in the Active Army; then 10 years in the National Guard; 5 years in the Territorial Guard. The Peace establishment is about 25,000 officers and men, and the reserve, about 250,000. Of the latter, about one-third is that portion of the national guard, some 200,000 strong, which has received governmental military training.

Navy.—Two Dreadnought battleships (*Moreno* and *Rivaldavia*) of 28,000 tons (22½ knots, 12 12-inch guns), 12 torpedo-boat destroyers, and 12 torpedo-boats were laid down under a recent naval programme, the remaining ships being five small battleships, seven cruisers, and seventeen units of torpedo craft; the navy is manned by about 5,000 men. The naval port is Bahia Blanca. (See Navies of the World.)

Education.—Primary Education is secular, free and nominally compulsory from the ages of six to fourteen, but Schools are maintained by provincial taxation, and controlled by provincial boards. Secondary Education is controlled by the Federal Government. There are also naval, military, mining, and agricultural schools. There are National Universities at Córdoba (founded in 1613), Buenos Aires (with more than 10,000 students), and La Plata, and provincial universities at Santa Fé and Tucumán.

In 1915, there were about 1,500,000 children of school age, of whom some 900,000 were in attendance at school. There were some 11,000 students in attendance in the 37 government preparatory schools and 3,200 in attendance in the 38 private preparatory schools. In 1917, there were 8,450 public primary schools, with 31,000 teachers.

At least one-third of the population is illiterate.

Latest figures show 520 newspapers, of which 493 were published in Spanish.

There is no state religion, but the government supports the Roman Catholic Church.

Railways.—In 1918, there were 21,858 miles of railways open, of which almost 20 per cent were operated by the state. In 1917, some 58,000,000 passengers were carried and 29,000,000 tons of freight. Most of the capital of the private railways is in British hands.

Post-Offices and Telegraph.—In 1918, there were 3,460 post-offices; in 1915, 43,000 miles of telegraph lines (131,000 miles of wire), of which 24,000 were state lines; in 1917, 93,000 telephones, and 12 wireless telegraph stations.

Shipping.—In 1918, the registered shipping consisted of 183 steamers of more than 100 tons, with a total of 155,000 tons. In 1912, the total merchant marine was 228 steam vessels of 171,000 tons and 66 sailing, of 33,000 tons. In 1917, there entered Argentine ports 44,345 vessels of 16,430,000 tons and there cleared 44,088 vessels of 16,450,000 tons.

Towns.—In addition to the capital, Buenos Aires, the large towns are Rasario (Santa Fé), 223,000; Cordobá, 105,000; La Plata, 90,000; Tucumán, 90,000; Santa Fé, 60,000; Mendoza, 60,000.

Finance.—The budget for 1918 called for a revenue and expenditure in the neighborhood of 380,000,000 dollars paper. In 1916, the total wealth was estimated at 33,000,000,000 dollars paper.

The Metric System of Weights, Measures, and Currency is compulsory.

The currency unit is the Peso of 100 Centavos, equal to $0.964 American money, but the circulating medium is paper. By a Conversion Law of 1899 a gold standard has been adopted and the paper peso is convertible at .44 gold.

Foreign Commerce.—The value of the imports for 1918 was $480,000,000 (in American money) and the value of the exports was $800,000,000. The chief exports were meat, maize and wheat. The chief imports were cottons and woolens, machinery and other iron products and coal. Great Britain and the United States are the chief destination and origin of the foreign commerce, although before the World War Germany ranked above the United States. Recent figures show that the United States sends annually to Argentina goods value at $156,000,000 and receives from Argentina goods valued at $200,000,000.

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Argentina, Treaties with.—In 1853 a treaty was concluded with the Argentine Confederation granting the United States free navigation of the rivers Paraná and Uruguay. This was followed by another of friendship, commerce and navigation, and provided for the exchange of diplomatic and consular agents. An extradition convention was signed in 1896 providing for the extradition of prisoners accused of the following crimes: Homicide, or attempted homicide; arson; burglary; housebreaking; robbery with violence, actual, attempted or threatened; larceny of property of the value of $200; forgery, or the utterance of the thing forged; counterfeiting; embezzlement of public or private money in excess of $200; fraud, or breach of trust committed by a bailee, banker, agent, factor, trustee, director, member or public officer of any company, when such act is punishable by the laws of both countries; perjury; rape; abduction; kidnapping or child-stealing; any act committed with criminal intent, the object of which is to endanger the safety of any person traveling or being upon a railway; crimes committed at sea, and trading in slaves when the offense is criminal under the laws of both countries.

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Arizona.—One of the southwestern states of the Union; motto, "Ditat Deus." It is separated from the Pacific Ocean on the west by California and Nevada, and bounded on the north by Utah and Nevada, on the east by New Mexico, and on the south by the Republic of Mexico. It lies between the parallels 31° 20′ and 37° north lat. and the meridians of 109° and 114° 45′ west long., including an area of 113,956 square miles. In addition to whites there are Apache, Moqui, Pueblo, Arivaipa, Chemehuevi, Cohahuila, Cocopa, Walapai, Maricopa, Mohave, Navajo, Papago, Pima, and Paiute Indians. The chief industry is mining gold, silver, and copper. In the northern portion of the State there are large pine forests and the lumber trade is rapidly progressing. The surface is much broken by the erosion of the streams, which cut deep gorges in the rocks, the Grand Canyon of the Colorado at some points being more than a mile deep.

The greater portion of the State was acquired by treaty with Mexico in 1848, the remainder by the Gadsden Purchase of 1853.

In 1910, the way was opened for the admission of Arizona to statehood, but President Taft vetoed the act conferring statehood because of the presence in the state constitution adopted by Arizona of a clause providing for the recall of judges; and when Arizona was admitted to statehood in 1912, that feature of her political activities was temporarily omitted.

In 1910, the population was 204,354; and in 1918 it was estimated at 272,034. The area is 114,000 square miles, including 29,000 square miles of Indian reservations. Capital, Phoenix (20,000). Counties, 14.

The most recent figures for the principal crops are as follows:

Crop	*Acreage*	*Bushels*	*Value*
Cotton	87,000	51,000a	$12,240,000
Hay	150,000	480,000b	11,520,000
Wheat	38,000	988,000	2,371,000
Corn	34,000	950,000	2,000,000
Barley	30,000	1,020,000	1,325,000

a—bales; b—tons.

As a whole, Arizona's climate is too dry for extensive agriculture, most of the farming being done along the water courses or on land watered by irrigation. The Roosevelt Dam and the Yuma irrigation project have added much territory to the cultivable land. The wide-pasture lands are well-adapted to cattle-grazing.

Arizona is one of the leading mineral-producing states in the Union. In 1918, the total value of the mineral production was placed at $205,000,000, with the extraction of some 25,000,000 gross tons of ore manganese, etc. The output of copper was put at 775,000,000 pounds. In 1917, there were produced 250,000 ounces of gold, valued at $5,000,000, and 6,960,000 ounces of silver, valued at $5,700,000.

In 1919, there were 135,000 horses, 9,000 mules, 72,000 cows, 1,100,000 other cattle, 1,400,000 sheep and 60,000 swine. The wool clip was 5,830,000 pounds in 1917.

In 1918, there were 64,557 school children enrolled in the schools and 1,807 teachers. The state university is at Tucson.

In 1914, there were 322 manufacturing establishments, employing 6,898 wage-earners, paying annual wages of $6,229,000, and representing an investment of $40,300,000. By far the most important industry is that of copper smelting and refining, Arizona being the leading copper producing state.

Arizona:
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Arkansas.—One of the southern states of the Union; nickname, the "Bear State"; motto, "Regnant Populi" (The people rule). It is bounded by Missouri on the north, on the east by Tennessee and Mississippi (from both of which it is separated by the Mississippi River), on the south by Louisiana, and on the west by Texas and Indian Territory. It extends from lat. 33° to 36° 30′ north and from long. 89° 40′ to 94° 42′ west. It contains 53,335 square miles, and in 1910 the population was 1,750,000. By legislative enactment the name of the State is pronounced Ar'kansaw. The State contains rich forests of oak, pine, walnut, hickory, cypress, cedar, and other lumber-producing timber. Coal, iron, and building stone exist in abundance. The Mississippi River bottom lands are a fine cotton region. One of the curiosities of the State is the large number of medicinal springs, the most popular of which—the Hot Springs—is visited annually by thousands of people. One spring in Fulton County discharges 15,000 barrels of water per day, at a temperature of 60°. The State was first settled by the French in 1685, and formed part of the Louisiana Purchase of 1803. It was organized as a Territory March 2, 1819, admitted as a State into the Union June 15, 1836, seceded May 6, 1861, and was readmitted June 22, 1868. Population (Jan. 1, 1919, estimated) 1,790,000. The capital is Little Rock (60,000).

The latest figures for education indicate that the school population is 655,000; the total enrollment, 462,000; and the average daily attendance, 300,000. There are some 4,000 male teachers and 6,625 female. The University of Arkansas, at Fayetteville, has an enrollment of some 800.

Arkansas is predominantly an agricultural state. The most recent figures give 14,900,000 acres as the total farm area, of which slightly more than half was improved land. The value of all the farm property was $400,000,000, but the amount has risen considerably since the collection of these figures.

In 1919, the live-stock comprised 267,000 horses, 325,000 mules, 445,000 cows, 675,000 other cattle, 150,000 sheep, and 1,725,000 swine. The latest figures give the area of the national forests as 920,000 acres.

The number of manufacturing establishments in Arkansas having an annual output valued at $500 or more at the beginning of 1915 was 2,604. The amount of capital invested was $76,866,000, giving employment to 48,440 persons, using material valued at $44,907,000, and turning out finished goods worth $83,941,000. Salaries and wages paid amounted to $24,915,000.

The crops in 1918 were as follows, the first figures being acreage, the second bushels produced, and the third value:

Corn	2,700,000	35,100,000	$ 63,180,000
Wheat	254,000	3,048,000	6,309,000
Oats	442,000	11,271,000	9,918,000
Rice	170,000	7,310,000	13,150,000
Potatoes	48,000	2,400,000	4,415,000
Hay	405,000	525,000*a*	10,218,000
Cotton	2,888,000	935,000*b*	130,000,000

a—Tons; *b*—Bales (500 lb. gross weight.)

Arkansas is first among the states in the production of two minerals—bauxite and novaculite, the former being the ore of aluminum and the latter the source of the larger part of the oilstones produced in the United States. The principal mineral product of Arkansas, however, is coal, the annual value of which constituted over fifty per cent of the state's total. The total value of all the mineral products of Arkansas in a recent year was $6,560,000. In that year there were produced 1,650,000 short tons of coal, valued at $3,000,000.

The Arkansas coals are generally of high grade, particularly in the eastern part of the coal field, where they approach anthracite in character. The semianthracite of Arkansas is an excellent domestic fuel and reaches markets as far north as Kansas City.

Bauxite, from which aluminum is derived, is second among the mineral products of the state. It is mined near Benton, in Saline County, and in Pulaski County.

There is also some production of stone, novaculite, limestone, clay, sand and gravel, lead and zinc.

Arkansas (see also Confederate States):
Act for admission of, into Union vetoed, 3846.
Acts of governor should be legalized, 801.
Admission of, into Union, constitution adopted, 1444.
Boundary of, 795.
Constitution of, referred to, 3830.
Defalcation of officers in, 941.
Election disturbances in, and claims of persons to governorship discussed, 4218, 4219, 4252, 4273.
Proclamation regarding, 4226.
Lands granted to, in aid of railroads referred to, 3580.
Marshal of United States in, advance of public moneys to, referred to, 2835.
Military governor of, office of, abolished, 3377.
Public lands in, proclamation regarding unlawful possession of, 1106.
Restoration of, into Union, discussed, 3423, 3452.
Road in, from Little Rock to Cantonment Gibson, 932.
Secretary of, appointment of, revoked, 3377.
Unlawful assemblages in, ordered to disperse, 8013.

Arkansas Northwestern Railway Co., act authorizing construction of railroad by, through Indian Territory, vetoed, 6012.

Arkansas Post (Ark.), Battle of.—Jan. 10, 1863, an expedition under command of Gen. McClernand and convoyed by Admiral Porter's fleet of gunboats, moved against Fort Hindman, at Arkansas Post, on the Arkansas River. Jan. 11 a combined attack was begun, which was maintained until 4 o'clock in the afternoon, when the post, with 5,000 prisoners, was surrendered to the Union forces. The Federal loss in the action was 977 killed, wounded, and missing.

Arlington Cemetery:
Appropriation for memorial amphitheatre recommended, 7048.

Memorial amphitheatre at, recommended, 7686.
President Wilson's address at, 7948.

Arlington Confederate Monument Association. — During the administration of President McKinley the Confederate dead buried in the City of Washington, D. C., and vicinity were removed to the National Cemetery at Arlington, Va., the old home of Robert E. Lee, where they were reinterred in a plot of ground set apart by the President for that purpose, and designated "The Confederate Section."

The Arlington Confederate Monument Association was formed for the purpose of erecting in this section a suitable monument to the dead there buried, and to stand, in a larger sense, as a memorial to all those who lost their lives in defense of the Confederacy, as well as to the cause they represented.

The Association was formed as a committee of the United Daughters of the Confederacy, the President-General of which is the President of the association. The monument was completed and unveiled by President Wilson, June 4, 1914. (Page 7948.)

Armageddon.—In the peroration of his speech on the eve of the National Republican Convention at Chicago, June 17, 1912, Mr. Roosevelt, after denouncing what he termed fraudulent practices of corrupt politicians, called upon his hearers to take the side of the people against the dishonest party managers, saying at the close: "We stand at Armageddon and we battle for the Lord." The expression is not a quotation, but is based on several passages in the book of Revelations, Chapter XVI, notably in the 16th and following verses. The word Armageddon is used in an apocalyptic sense as a synonym for the battlefield—whether above the earth or in the underworld—on which the final victory over evil was to be won by the forces of righteousness. It was here that the kings of the lower world were to be gathered by the Dragon, the Beast, and the False Prophet to make war on the Lord. Revelations xvii, 14, reads: "These shall make war with the Lamb and the Lamb shall overcome them; for he is Lord of Lords and King of Kings; and they that are with him are called and chosen and faithful." Specifically Armageddon is a corruption of the Hebrew words Har Mageddon, signifying the mountains of Megiddo. The reference in the passage in Revelations is probably to Megiddo, but some authorities refer it to the plain of Esdraelon, or Jezreel, in Galilee and Samaria, famous as a battlefield from the time Gideon overcame the Midianites to Napoleon's victory over the Turks.

Armament Limitation Conference.—The circumstances giving rise to the Conference on the Limitation of Armament are described at the beginning of the section presenting the most important documents produced by the Conference, page 9037.

The Conference convened on November 12, 1921, and held its final session on February 6, 1922. All the sessions were held in Washington, the plenary sessions being held in Continental Memorial Hall. However, the actual work of the Conference was accomplished in the meetings of the Committees which were appointed to discuss and agree upon concrete problems. The chairman of the Conference was the Secretary of State of the United States, Charles Evans Hughes.

The achievements of the Conference were crystallized in seven treaties, twelve resolutions and ten principal separate or joint declarations of national policy. The treaties were—The Five Power Naval Limitation Treaty. The Four Power Pacific Treaty. The Nine Power Far Eastern Treaty. The Nine Power Chinese Tariff Treaty. The Five Power Submarine and Poison Gas Treaty. The Shantung Treaty, between Japan and China. The Yap Cable and Wireless Treaty, between Japan and the United States.

The twelve resolutions concerned—Withdrawal of foreign post-offices from China. Establishment of a commission to pave the way for the abolition of extra-territorial rights in China. Authorization for consultation looking toward withdrawal of foreign troops from China. Grant to China for official purposes of unauthorized radio stations on Chinese soil. Agreement to exchange full information regarding commitments concerning China. Board of Reference on cases under the Open Door and the railway provisions of the Far Eastern Treaty. Special commission of the Five Powers to report on the use of the new agencies of warfare, but (by another resolution) not to pass upon the rules laid down in the Submarine and Poison Gas Treaty. Recommendation for better protection to the Chinese Eastern Railway; declaration (by another resolution not subscribed to by China) that China must be held responsible for her obligations regarding the road; recommendation that Chinese railways be unified under Chinese control. Request that China reduce her military forces.

The principal declarations of policy were—The Japanese, pledging withdrawal from Siberia so soon as possible. The Japanese, abandoning Group V of the Twenty-One Demands (see China) and other economic and political concessions concerning Mongolia and Manchuria. The Chinese, protesting against the remainder of the Twenty-One Demands. The American, refusing to recognize any of the Twenty-One Demands abridging American rights. The British, expressing willingness to withdraw from Wei-hai-wei. The Chinese, as supplement to the Far Eastern Treaty, promising not to alienate further portions of Chinese territory. The Chinese, as supplement to the Tariff Treaty, agreeing to maintain the contemporaneous maritime customs system. The Chinese, as two supplements to the Radio Resolution, recognizing no right to install foreign radio plants without Chinese consent. That of all the Powers except China declaring that the Open Door policy must be applied in all future radio disputes.

The outstanding successes of the Conference were as follows:—

Sharp reduction in naval armaments and building programs. The tonnage of the Powers concerned at the time of the Conference was 3,341,567. The tonnage of the sixty-eight capital ships scrapped by the Conference was 1,555,177, almost one-half. Along with this reduction went the end of the competition in naval armaments which was sowing the seeds of hostility, if not war, between Great Britain, or Japan, or both, and the United States. As a result of this arrangement, Great Britain abandoned her age-long and traditional control of the seas.

The elimination of the Anglo-Japanese Treaty. This treaty had been concluded about a decade previously, when both Japan and Great Britain feared the encroachments of Imperial Russia in the Far East. With

the Russian Revolution, this agreement had become thoroughly unpopular, not only in London, but throughout the British Empire; but Great Britain did not dare to abrogate it without a substitute, lest Japan form an alliance with another Power. Under the protection of the treaty, Japan had been well-nigh uncontrolled in enforcing her will upon China, and able to count at least upon tacit British support in case of war between Japan and the United States.

End of the dispute, upon terms satisfactory to both Japan and the United States, as to American cable and radio rights on the island of Yap.

Withdrawal of some of the most obnoxious of the Twenty-One Demands wrung from China by Japan during the World War. Assistance to China by changes in the Chinese tariff, and other aids to her concerning extra-territorial rights, railway rights, etc.

The return of Shantung to China, with certain stipulations by and concessions to Japan.

The guaranty to respect the status quo ownership of the islands in the Pacific. Among other things, the Philippines were thereby protected, so that the United States could agree to refrain from establishing a powerful naval base in the Philippines, thus relieving Japanese fears of attack by this country and this country's fear of attack upon the Philippines by Japan.

Obligatory conference between the Powers concerned as to disputes in the Far East before those disputes might eventuate in actual war.

The outstanding failures of the Conference were as follows:—

Construction of subsidiary naval craft neither limited not pro rated and their use not effectively controlled. Thus the problem and dangers to neutrals of submarine warfare remained almost as they were, for it was understood that so long as the actual existence of submarines was not forbidden, in the actual event of war they would be used unrestrictedly by any Power standing to gain by such action. In the absence of effective penalties for disregarding the resolutions on the use of submarines, those resolutions were pious rather than practically binding.

No limitation upon or ratio for land armaments.

The retention of the *Mutsu* by Japan. This concession involved only slight additional expense to the United States but great additional expense to Great Britain, if the declared naval ratio with Japan was to be retained by those countries.

Japan's occupancy and exploitation of Eastern Siberia and Northern Sakhalin, and also Japan's control over Manchuria, not ended. The Japanese promise of withdrawal was vague, and no method was provided for enforcing it.

Conditional restoration, only, of Shantung. Only the future will show if Japan will insist that the assigned conditions for the return of Shantung to China have not been met satisfactorily to her.

Only slight weakening of Japan's political and economic hold upon China. The principle of that hold remained largely unchallenged, and many of the Twenty-One Demands continued in effect, not subject to international review.

Continuation of many of the most obnoxious foreign concessions in China. The administrative integrity of China is only partially restored, as much of the action on this subject resolved itself into the passage of resolutions which are not binding. Of the leased territory in China, France keeps Kwangchouwan, Great Britain keeps Kowloon and Japan retains Port Arthur.

No attempt at solving or systematizing, on a consortium basis, the all-important problem of the economic exploitation of China by private foreign agencies. Recent economic history in China and elsewhere has shown that such exploitation of a foreign country's natural resources and labor power usually is accompanied by attempts at political and territorial control. The Governments of the exploiting corporations are generally found to lend Governmental support to them; such corporations of different countries usually come into rivalry; that rivalry hence results in Governmental rivalry which presents an ever-present danger of international hostility and competition which may lead to war.

The Conference's result as to the use of aircraft and of poisonous gases in war can hardly be classified as either a success or a failure. On the one hand, it could be claimed that the resolutions on this subject would be disregarded in time of war by nations having aircraft and poison gas in their possession, especially since there was no penalty for disregarding the resolutions. On the other hand, it could be claimed that it was impossible to forbid the manufacture of aircraft, because of their growing commercial use: and that the manufacture of poison gas, whether forbidden or permitted, could be prosecuted without detection.

As for the effect of the Conference upon international relations—it developed a remarkably close feeling of friendship and accord between Great Britain and the United States. Japan was released from her position as an ally of Great Britain without becoming isolated. France lost sharply in international good-will, and became viewed with suspicion, if not unfriendliness, in British, American and international public opinion generally. The hostility between China and Japan was not assuaged, and China emerged from the Conference but little strengthened in international standing. With respect to the effect of the Conference on the influence of the League of Nations, there was sharp dispute. There were those who insisted that the Conference had superseded the League and revealed its impotence, whereas supporters of the League insisted that the Conference had settled problems which the League was not constituted to settle and was not attempting to settle, at least for the time being.

Armament Limitation Conference, treaties and other documents proceeding from, 9037 *et seq.*

Armaments, Limitation of (See also Arbitration, International):
Conference on, called, 8979.
Discussed by President—
Harding, 8924, 8947.
Roosevelt, 6922, 6993, 7113.
Taft, 7494.
Wilson, 8203, 8424.
Naval, impossibility of reaching agreement on, 7113.

Peace resolution of Congress does not provide for, 8851.
Results of, forecast, 6922, 6993.

Armed Neutrality.—In 1780 the powers of northern Europe—Russia, Sweden, and Denmark—formed a confederacy against England, then at war with the United States, and proclaimed the doctrine that neutral ships had the right to visit the ports of belligerents, that free ships make free goods, and that blockades to be recognized must be effectual. These countries assumed a threatening position and armed themselves to repel aggression. By treaty, ratified in 1800, the flags of these nations were to be respected by belligerents. Great Britain rejected the principle, and Nelson and Parker destroyed the Danish fleet at Copenhagen, April 2, 1801. This led to the dissolution of the armed neutrality.

For months before the United States finally entered the European War on April 6, 1917, there was much discussion in the United States concerning the advisability of adopting a policy of armed neutrality towards Germany and Austria. As the term was used in those days, it was understood to mean a situation where American merchant ships would be supplied with guns and gunners, in order to protect themselves in case they were attacked by submarines of the Central Powers. When Germany announced that, beginning with February 1, 1917, she would sink on sight all ships found within the blockade zone she had drawn around the British Isles, France and Italy, the term "armed neutrality' was broadened to mean that armed merchantmen might fire at sight upon submarines, without waiting to be attacked, as the hostile intentions of the submarines might be postulated. Despite opposition from a small group of Senators, who prevented passage of the bill authorizing President Wilson to adopt armed neutrality, in the closing days of the Sixty-fourth Congress (Feb. 27-Mar. 5, 1917), the policy was put into effect by the United States Government. It did not prove to be practicable, however, as President Wilson himself admitted in his message to Congress on April 2, 1917, in which he asked for a declaration of the existence of a state of war with the Imperial German Government.

Armed Neutrality:
Confederacy of, discussed, 2808.
Discussed, 8296.
Impracticable as defense of American rights against German aggression, 8227, 8228.
In Middle States, discussed, 3225.
Necessity for and support of, 8222.
Policy of, to be put into effect and authority for such action requested, 8209.
Statement concerning failure of Congress to pass legislation for, 8217.

Armenia.—The classical name of the Hebrew Ararat, Assyrian Urartu, the country which extends from the shores of Lake Van, between the Upper Euphrates and Media, forming the juncture between the high plateau of Iran and the table-land of Asia Minor. It is the original seat of one of the old civilized peoples in the world. According to their records they were governed in ancient times by independent kings, but afterwards became tributary to the Assyrians. After the Assyrian period Armenia became a dependency of Persia and Media. Subsequently it was conquered by Alexander the Great, and later it passed under the nominal supremacy of Parthia and Rome. Then it was ruled by Persian, Byzantine, and Arabic governors until the dynasty of the Bagratides, which came to an end in 1045. The last vestige of Armenian independence was destroyed by the Mamelukes in 1375. Since then Armenians have been without an independent state, their country being divided between Persia, Turkey and Russia. The greater part before the World War lay in Turkey, of which one division was known as Armenia and Turkestan, and of which the total population was about 2,500,000. The Armenians in Russia lived chiefly in the Caucasus, where their district contained about 1,200,000 inhabitants. The Armenians in Persia were hardly above 50,000.

The Armenians are Aryans and Christians, their church being not only independent, but also the oldest established Christian church.

The number of Armenians in Armenia in 1914 was probably in the neighborhood of 2,000,000; but the slaughters to which they were subjected in 1914-1919 at the hands of the Turks reduced their number to less than half that figure. Their persecution was due not only to their Christianity, but also to their commercial ability and sagacity. It is not too much to say that the treatment of the Armenians at the hands of the Turks has seldom been surpassed for frank and unconcealed bestiality in the records of modern subject nations. Indeed, on several occasions some of the great Powers were prepared to disregard international etiquette to the point of bringing pressure to bear upon Turkey to end the Armenian atrocities, but the ambitions of Tsarist Russia would have been served by the overthrow of Turkey, and the other great Powers of Europe were therefore unwilling to exert upon Turkey pressure strong enough to overthrow her.

One of the planks in the peace program of the Entente Allies in the World War was the release of the Armenians from Turkish control, and it was evident that the final signing of the last peace treaty of that struggle would see independence or autonomy granted to them.

Armenia:
Boundaries of—
Discussed, 8841, 8864.
President of United States to fix, 8854.
Independence of—
Discussed, 8679.
Peace resolution does not provide for, 8851.
Recognized, 8853, 8866.
Urged, 8679, 8841.
Loan urged for, 8886.
Mandate over, request that United States assume, 8853, 8881.
People of—
Atrocities upon—
Discussed, 5989, 6069, 6147.
Referred to, 6090.
Naturalized in United States, treatment of, on returning to Turkey, discussed, 5872, 6095, 6435.

Relief for, urged and discussed, 8381, 8696.
Situation in, discussed, 8909.
Turkey and, President of United States to mediate between, 8854, 8881.

Armor and Armor Plate:
Discussed, 5759, 5882, 5972.
Manufacture of, in United States recommended, 5100.
Tests of, discussed, 5552, 5635.

Armories. (See Arms and Ammunition; Arsenals.)

Armies of the World.—The following table presents the numbers in the regular armies and the reserve forces of the great nations of the world. The figures were the latest available at the close of the Washington Conference on Limitation of Armaments, and in the case of the great Powers were practically up-to-date with the close of the Conference.

Country	*Regular Army*	*Reserves*
France	750,000	3,000,000
Great Britain[1]	162,000	.....
Italy	200,000	4,000,000
Japan	450,000	1,700,000
United States	160,000	130,000
Greece	250,000	250,000
Jugo-Slavia	180,000	200,000
Poland	500,000	1,500,000
Roumania	175,000	500,000
Russia	500,000	800,000
Spain	200,000	125,000
Belgium	100,000	200,000
Czecho-Slovakia	150,000	250,000
Germany[2]	100,000	.....
Switzerland	140,000	120,000
Turkey	125,000	.....
Austria[2]	25,000	.....
Denmark	25,000	155,000
Hungary[2]	25,000	.....
Netherlands	20,000	420,000
Norway	25,000	375,000
Portugal	25,000	45,000
Sweden	16,000	600,000
Bulgaria[2]	23,000	.....
Esthonia	15,000	75,000
Finland	30,000	100,000
Latvia	22,000	90,000
Lithuania	40,000	100,000
China	1,500,000	.....
Australia	3,000	260,000
New Zealand	.....	60,000
South Africa, Union of	.....	300,000
Canada	6,500	70,000
Cuba	16,000	.....
Argentina	19,000	300,000
Brazil	35,000	215,000
Chile	23,000	85,000
Mexico	65,000	60,000
Peru	7,500	40,000
Bolivia	3,500	30,000
Colombia	6,000	40,000
Paraguay	2,500	10,000
Uruguay	9,000	100,000
Venezuela	9,000	.....

[1] Outside of 53,000 territorial forces, mostly natives. [2] Limits set by peace treaties of World War.

Arms and Ammunition.—The use of firearms followed close upon the invention (about 1320) of gunpowder. The use of gunpowder in military operations in England dates from 1346. Gibbon writes of a cannon used at the siege of Adrianople by Mahomet II in 1543. During that year the first English cannon was cast at Uckfield, Sussex. The arquebuse and musket were evolved by successive improvements on the large guns. The Swiss are said to have had 10,000 arquebusiers in 1471. At the battle of Pavia, in 1525, the Spaniards, under Emperor Charles V, with a force of 2,000 arquebusiers and 800 musketeers, defeated Francis I of France, the effectiveness of the firearms turning the tide of battle. The flintlock came into use in 1630, was introduced into England under William III, and was effectively used as late as 1840 in the British army. The Landgrave of Hesse armed his followers with rifles in 1631. The Fergusson breech-loading rifle was in use throughout the entire Revolutionary War, though the flintlock was the principal weapon used.

The first practical breech-loading firearm made in the United States was that patented by Hall in 1811. About 10,000 were made for the Government, the inventor superintending their manufacture at the Harpers Ferry Arsenal until his death in 1844. In 1854 Congress made an appropriation for breech-loading rifles, and experiments in this arm were conducted until the breaking-out of the Civil War, during the progress of which the Government manufactured and purchased at home and abroad over 4,000,000 small arms of between 25 and 30 different patterns. Among these were breech-loading rifles and carbines and a magazine gun—the Henry.

In 1866, 1869, and 1872 boards of officers were appointed to report upon a desirable small arm, and their investigations led to the adoption in 1873 of the Springfield rifle, which remained in use for twenty years.

The decade between 1880 and 1890 witnessed a further development in small arms in the substitution of magazines for the single breech-loading apparatus, a decrease in the calibre of the ball, and the adoption of smokeless powder.

The forms of gunpowder used in military operations in America as well as in foreign countries until within the last few years were essentially the same as those used a century or more ago. Ever since the invention of gun cotton by Schönbein in 1845 scientific attention has been directed to the manufacture of smokeless powder. The French seem to have been the first to compound a successful smokeless powder for use in small arms. The material used is a form of melinite and belongs to the nitrocellulose or nitro-gun-cotton preparations. The powder is not absolutely smokeless, but the film of smoke arising from individual rifle firing is not visible from more than 300 yards.

In 1892 the United States adopted the Krag-Jörgensen cut-off model magazine rifle. In 1903, the Springfield rifle was adopted. It was of 7.62 mm. or .30 inch calibre, of 2,300 feet per second velocity, of a penetration power at 53 feet of 54.7 in white pine, and of five rounds of ammunition. By 1908, the entire national army and practically all of the national guard had been supplied with the United States magazine rifle, model of 1903, chambered for model of 1906 am-

With the outbreak of the World War, revolutionizing changes occurred almost

over-night in the use of arms and ammunition. The first days of the War proved that the Germans had developed an explosive of unprecedented power, which was in turn easily surpassed by the power of the explosives, such as T. N. T. (trinitrotoluene) ammonium nitrate, picric acid, etc., utilized by both camps of belligerents before the end of the holocaust. In 1918, the German army bombarded Paris by a gun with a 75-mile range. Its shell had a striking velocity of 2,626 feet per second, it weighed 3,330 pounds and had a bursting charge of 33 pounds, and the diameter of the bore was 210 mm. The French countered with a gun of 52 cm., the shell of which weighed 3,200 pounds. The guns used at this time by the United States for the defence of the Panama Canal employed a shell weighing 2,200 pounds.

The development of these long-range guns has driven most authorities to agree that the effective gun of the future must have a calibre of at least 11 inches, a range of more than 10,000 yards and a bursting charge of some 40 pounds. It is believed that the gun of the curved trajectory will completely replace that of the flat.

The light artillery, or field artillery, has well-nigh become standardized, even in the United States, at about a 75 mm. calibre.

In the World War, the trench mortar proved itself particularly useful, as did the mine-thrower (*minenwerfer*). The anti-aircraft guns, usually of from 75 to 100 mm. calibre, also played a most important role.

The World War added gas to the ammunition of the world. It seems to have been conclusively proved that Germany was responsible for its introduction, but it was not long before masks were invented which nullified the effect of the gases, especially with the employment of devices heralding their approach. At first, the gases were released from tanks when the wind was favorable, but later they were fired across the enemy's lines in shells. The gases were of several kinds, such as those calculated to cause profuse tear-shedding and thus to dim the gunners' eyes, those used to cause nausea so strong as to compel the enemy's soldiers to remove their masks and thus subject themselves to the full effect of the gas, with fatal damage to the lungs, those causing irritation of the skin, etc.

But it was the machine-gun which for the purposes of the World War was developed on the largest scale in the field of arms and ammunition. France used the Puteau model for its heavy type and the Chaucet for its light. England used the Vickers and Lewis for the heavy and the Lewis for the light type. The United States used the Browning and the Benét-Mercier for the heavy and the Browning for the light type. These were the types used in the later months of the War. Earlier types were the Maxim, Hotchkiss and Colt.

Another innovation of great service in the War was the caterpillar tractor, or tank, although its use presents a remarkably close analogy to the use of the chariots of ancient history and of Imperial Rome. It is understood that the chief designer and inventor was Sir William Tritton and that tanks were first used by the British in the Battle of the Somme in September, 1916. Toward the end of the war, the lighter models ("whippet" or "Baby" tanks) proved more serviceable than the heavier. Each whippet tank carried a machine gun and a crew of two men, of whom one operated the tank and the other, the machine gun. The whippet tanks were able to accomplish twelve miles an hour, climb a slope of 50 per cent, plough through barbed wire, and weighed only about seven tons. The larger types of tanks had an engine of more than 100 h. p. The Germans were not able to produce tanks of the efficiency of those of the Entente Allies, and were compelled to resort to the wide-spread destruction of bridges, roads, terrains, etc., and to make as uneven as possible the ground over which the tanks were to advance, as the best method of combating the use of this remarkable engine of warfare.

With the entrance of the United States into the World War on April 6, 1917, it was found that it was impossible to manufacture the Springfields in the quantity necessary for the equipment of an army of some 4,000,000 men. But there were in the United States several plants which had been making the British Enfield rifle in quantity production, and a modified form of Enfield was thus adopted for the American army, so chambered as to use the same ammunition as that of the Springfield. For machine guns, the Vickers type which had previously been adopted proved too complicated for quantity production, and the Browning type, light and heavy, came into use. The Lewis gun was largely used on American aircraft, the synchronized type for aircraft being the Marlin, a development of the old Colt.

See also Aeronautics, Airplane Production, World War, etc.

Arms and Ammunition:
Contract for, referred to, 3795.
Delivery of, to—
State arsenals referred to, 2839.
Exportation of—
Forbidden, 3326, 6968, 7888, 8089, 8756.
Permitted, 7929, 8091.
Exportation of, order prohibiting, 3326 8469
Extended, 3436.
Modified, 3379.
Recommended, 373.
Rescinded, 3533.
Gunpowder, manufactory, erection of, recommended, 1608, 1714.
Loans of, to private citizens inquired into, 636.
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Manufacture of—
Progress made in, 297, 361, 302, 471.
Should be encouraged, 255, 297, 443.
Statement of, 597.
Patent rifle, expenditures relating to procurement and properties of, 936.
Statement of, 767, 770, 790.
Supply of, 323, 461.
Territories and District of Columbia to receive supplies not to exceed the quota of a State with least representation in Congress, 5159, 5462.

Army.—The earliest American military establishment consisted of two parts, the continental army, organized by the Continental Congress June 15, 1775, and the militia (*q. v.*) organized by the States, averaging between the years 1775 and 1781 about 60.000 men, though often not more than half that number were in active service. The War Department (*q. v.*) was es-

tablished by act of Congress Aug. 7, 1789. Nov. 5, 1783, the army was disbanded and 1,000 men retained until the peace establishment could be organized. Though temporarily increased by Indian wars and troubles with France, the federal forces numbered only from 3,000 to 5,000 men at the outbreak of the War of 1812. During that war the number of regular troops was more than 85,000, and 470,000 militia were enlisted. Up to the time of the Mexican War the army averaged 9,000 men. During that war the regular troops enrolled numbered 30,000 and the volunteers 74,000. With the return of peace the regular forces were reduced to 10,000, and later increased to 12,000.

During the first year of the Civil War the regular army was increased to 35,000 by the addition of eleven regiments, viz.: One of cavalry, 1,189 officers and men; one of artillery, twelve batteries, six pieces each, 1,909 men; nine of infantry, consisting of three battalions of eight companies each, 22,068 officers and men; but the number of militia and volunteers was very much larger. President Lincoln's first call, issued April 15, 1861, was for 75,000 men for three months' service (3214). Later enlistments were mostly for three years. At the beginning of 1862 the number of volunteers in the army was 550,000, and during the next three years it was 900,000. At the close of the war the Federal army numbered 1,000,000. The total number of enlistments was 2,213,363 (4156).

In 1867 the "peace establishment" of the United States army was fixed at 54,641 men. It was then reduced by successive enactments to 25,000 enlisted men in 1875. At the beginning of 1898 the peace establishment of the army consisted of ten regiments cavalry, 8,410; five regiments artillery, 2,900; twenty-five regiments infantry, 13,525; one engineer battalion, 216; total, 25,051. This did not include brigade and staff officers. At the outbreak of the Spanish-American War two additional regiments of artillery were added to the regular forces and the line of the army was reorganized on the basis of two battalions of four companies each to the regiment, and two skeleton companies. In case of a declaration of war these skeleton companies were to be manned, and, with two other companies for which authority to raise was granted, were to form the third battalion in each infantry regiment.

Under the provisions of a law approved March 2, 1899, the regular army establishment was fixed at about 27,700 officers and men. To meet the exigencies of the service in the newly acquired possessions, the President was authorized to maintain the regular army at a strength of 65,000 enlisted men and to raise a force of 35,000 volunteers, to be recruited from the country at large or from the localities where their services are needed, "without restriction as to citizenship or educational qualifications."

An act of February, 1901, abolished the "canteen" from the army, that is, prohibited the sale of beer or any intoxicating liquors at the army posts. The organization of the army was further modified by an act of Congress approved Feb. 14, 1903, which created the General Staff Corps. This consists of the Chief of Staff, who takes the place of the Commanding General of the Army, two general officers detailed by the President from the regular army not below the grade of brigadier-general, and forty-two officers of minor grade similarly detailed by the President. It is the duty of the General Staff Corps to prepare plans for the national defense and for the mobilization of the military forces in time of war; to assist the Secretary of War in increasing the efficiency of the military establishment; and in case of war to act as a Board of Strategy. The Chief of Staff has supervision of all troops of the line, the Military Secretary's Office, the Inspector-General's, Judge-Advocate-General's, Quartermaster's, Subsistence, Medical, Pay, and Ordnance Departments, the Corps of Engineers and Signal Corps.

The composition of the army of the United States, as reorganized by the act approved on June 3, 1916, as amended by the act of June 4, 1920 and by later qualifications, is as follows:

The Army of the United States consists of the Regular Army; the National Guard while in the service of the United States, and the Organized Reserves, including the Officers' Reserve Corps, and the Enlisted Reserve Corps.

Composition of the Regular Army—The Regular Army of the United States shall consist of the Infantry, the Cavalry, the Field Artillery, the Coast Artillery Corps, the Air Service, the Corps of Engineers, the Signal Corps, which shall be designated as the combatant arms or the line of the Army; the General Staff Corps; the Adjutant General's Department; the Inspector General's Department; the Judge Advocate General's Department; the Quartermaster Corps; the Finance Department; the Medical Department; the Ordnance Department; the Chemical Warfare Service; the officers of the Bureau of Insular Affairs; the officers and enlisted men under the jurisdiction of the Militia Bureau; the chaplains; the professors and cadets of the United States Military Academy; the present military storekeeper; detached officers; detached enlisted men; unassigned recruits; the Indian Scouts; the officers and enlisted men of the retired list; and such other officers and enlisted men as now or may hereafter be provided for.

Except in time of war or similar emergency when the public safety demands it, the number of enlisted men of the Regular Army shall not exceed 150,000, excluding the Philippine Scouts (by act of 1921; 280,000, including the Philippine Scouts, in the Act of June 4, 1920).

The Regular Army consists of one General (Pershing, the office expiring with him); 21 Major Generals and 46 Brigadier Generals of the line, 599 Colonels, 674 Lieutenant Colonels, 2,245 Majors, 4,490 Captains, 4,266 First Lieutenants, 2,694 Second Lieutenants, and also officers of the Medical Department, chaplains and storekeepers. The Army shall at all times be organized so far as practicable into brigades, divisions and army corps, and, whenever the President may deem it expedient, into armies.

Corps and Army Areas—For purposes of administration, training and tactical control, the continental area of the United States shall be divided on a basis of military population into corps areas. Each corps area shall contain at least one division of the National Guard or Organized Reserves, and such other troops as the President may direct. The President is authorized to group any or all corps areas into army areas or departments. In the reorganization of the National Guard and in the initial organization of the Organized Reserves, the names, numbers and other designations, flags, and records of the divisions and subordinate units thereof that served in the World War between April 6, 1917,

and November 11, 1918, shall be preserved as such as far as practicable.

For the composition of the corps and army areas as established, see Military Divisions.

Pay of Officers.—Yearly pay for the following grades in the Army is as follows:

General	$10,000
Lieutenant General	9,000
Major General	8,000
Brigadier General	6,000

These officers receive no increase for continuous service.

Monthly pay for the following grades is as follows:

Colonel	$333.33
Lieutenant Colonel	291.67
Major	250.00
Captain	200.00
First Lieutenant	166.67
Second Lieutenant	141.67

These amounts are increased 10% for each period of five years' service, provided that the sum total of such increase shall not exceed 40%.

All officers are furnished living quarters with fuel and light. If these cannot be furnished, the officers receive a commuted value for them. A second lieutenant's quarters consist of two rooms, and the figure is increased by one for each grade, the general's allowance being eleven rooms. Commutation is at the rate of $12.00 monthly per room. The allowance for heat and light depends upon locality.

Pay of Enlisted Men—On and after July 1, 1920, the grades of enlisted men shall be such as the President may from time to time direct, with monthly base pay at the rate of $74 for the first grade, $53 for the second grade, $45 for the third grade, $45 for the fourth grade, $37 for the fifth grade, $35 for the sixth grade, and $30 for the seventh grade. Existing laws providing for continuous service pay are repealed to take effect July 1, 1920, and thereafter enlisted men shall receive an increase of 10 per centum of their base pay for each five years of service in the Army, or service which by existing law is held to be the equivalent of Army service, such increase not to exceed 40 per centum. Under such regulations as the Secretary of War may prescribe, enlisted men of the sixth and seventh grades may be rated as specialists, and receive extra pay therefor per month, as follows: First class, $25; second class, $20; third class, $15; fourth class, $12; fifth class, $8; sixth class, $3. All laws and parts of laws providing for extra duty pay for enlisted men are repealed, to take effect July 1, 1920: Provided, that nothing in this section shall operate to reduce the pay which any enlisted man is now receiving, during his current enlistment and while he holds his present grade, nor to change the present rate of pay of any enlisted men now on the retired list.

General Staff—The War Department General Staff consists of a Chief of Staff, four assistants, chosen by the President from the general officers of the line, and 88 other officers not below Captain in grade. Detail to the General Staff is for four years. The members may be taken from the Regular Army, the National Guard, and the Officers' Reserve Corps. The duties of the General Staff shall be to prepare plans for national defense and the use of the military forces for that purpose, both separately and in conjunction with the naval forces, and for the mobilization of the manhood of the Nation and its material resources in an emergency, to investigate and report upon all questions affecting the efficiency of the Army of the United States, and its state of preparation for military operations; and to render professional aid and assistance to the Secretary of War and the Chief of Staff. All policies and regulations affecting the organization, distribution and training of the National Guard and the Organized Reserves, and all policies and regulations affecting the appointment, assignment, promotion, and discharge of reserve officers, shall be prepared by committees of appropriate branches or divisions of the General Staff, to which shall be added an equal number of reserve officers, including reserve officers who hold or have held commissions in the National Guard, and whose names are borne on lists of officers suitable for such duty, submitted by the Governors of the several States and Territories. There are 68 General Officers of the line and 131 in the General Staff with troops.

The War Council—The Secretary of War, the Assistant Secretary of War, the General of the Army, and the Chief of Staff shall constitute the War Council of the War Department, which council shall from time to time meet and consider policies affecting both the military and munitions problems of the War Department. Such questions shall be presented to the Secretary of War in the War Council, and his decision with reference to such questions of policy, after consideration of the recommendation thereon by the several members of the War Council, shall constitute the policy of the War Department with reference thereto.

NOTE—The bill of June 4, 1920, fixed the number of enlisted men in the several divisions of the Army, enumerated below; but in 1921, Congress cut the number almost in half. The figures for the enlisted men given below represent careful estimates of the new quotas. The quotas fixed by the bill of June, 1920, are given in brackets.

The *Adjutant General's Department* consists of the Adjutant General, ranking as Major General, one assistant, ranking as Brigadier General, and 115 officers in grades from Colonel to Captain. The *Inspector General* (a Major General) has 61 officers, from Colonel to Captain, as assistants. The *Judge Advocate General* (a Major General) has 114 assistants, from Colonel to Captain. The *Quartermaster General* (a Major General) has three Brigadier Generals and 1,050 lower officers down to Second Lieutenant, as assistants, and 11,200 (20,000) enlisted men.

Finance Department—There is created a Finance Department, to consist of one Chief of Finance with the rank of Brigadier General, 161 officers in grades from Colonel to Second Lieutenant, inclusive, and 709 (900) enlisted men. The Chief of Finance, under the authority of the Secretary, is charged with the disbursement of all funds of the War Department, including the pay of the Army and the mileage for officers and the accounting therefor, and with such other fiscal and accounting duties as may be required by law, or assigned to him by the Secretary of War.

Medical Department—Consists of a Surgeon General (a Major General), two assistants (Brigadier Generals), the Medical Corps, the Veterinary Corps, the Medical Administrative Corps, the Army Nurse Corps, contract surgeons as authorized by law and enlisted men not above five per

cent of the actual enlisted and commissioned strength of the regular army. The number of officers in the Medical Corps is 6½ for every 1,000 enlisted men and of the Medical (Administrative) Corps and the Dental Corps, 1 for every 2,000 enlisted men. The officers in the Veterinary Corps number 175 and in the Dental Corps, 180. Nurses have the relative rank of second lieutenants. The total number of officers in the Medical Department is 1,492 and the enlisted men number 8,591 (14,000).

The *Chief of Engineers* (a Major General) has a Brigadier General and 600 lesser officers as assistants, and a corps of 6,519 (12,000) enlisted men. The *Chief of Ordnance* (a Major General) has a Brigadier General and 350 lesser officers as assistants, and a corps of 2,976 (4,500) enlisted men. The *Chief of Chemical Warfare* (a Brigadier General) has 100 officers to assist, and a corps of 776 (1,200) enlisted men. The *Chief Signal Officer* (a Major General) has 300 officers as assistants, and a corps of 3,000 (5,000) enlisted men. The *Chief of the Air Service* (a Major General) has a Brigadier General and 1,514 lesser officers as assistants, and a corps of 10,300 (16,000) enlisted men, including not over 2,500 flying cadets. There is one *chaplain* to every 1,200 officers and men. Chaplains rank from First Lieutenant to Lieutenant Colonel by term of service. The Chief Chaplain is a Colonel.

Infantry—One Chief of Infantry (a Major General), 4,200 lesser officers and 58,950 (110,000) enlisted men. Tank units classed as infantry.

Cavalry—One Chief (a Major General), 950 lesser officers and 11,184 (20,000) enlisted men.

Field Artillery—One Chief (a Major General), 1,200 lesser officers and 18,110 (30,000) enlisted men.

Coast Artillery—One Chief (a Major General), 1,200 lesser officers and 18,110 (30,000) enlisted men.

Total—16,678 officers and 157,635 enlisted men, including Philippine Scouts. (See Note on preceding page.)

Filling of Vacancies—Not less than one-half of the total number of vacancies caused by this Act, exclusive of those in the Medical Department and among chaplains, shall be filled by the appointment, to date from July 1, 1920, and subject to such examination as the President may prescribe, of persons other than officers of the Regular Army who served as officers of the United States Army at any time between April 6, 1917, and the date of the passage of this Act. A suitable number of such officers shall be appointed in each of the grades below that of Brigadier General, according to their qualifications for such grades as may be determined by the Board of General Officers provided for in this section. No such person above the age of fifty years shall be appointed in a combatant branch, or above the age of fifty-eight in a non-combatant branch. No such persons below the age of forty-eight years shall be appointed in the grade of Colonel, or below the age of forty-five years in the grade of Lieutenant Colonel, or below the age of thirty-six years in the grade of Major.

Enlistments—Hereafter original enlistments in the Regular Army shall be for a period of one or three years, at the option of the soldier, and re-enlistments shall be for a period of three years. Existing laws providing for the payment of three months' pay to certain soldiers upon re-enlistment are repealed.

Discharge on Account of Dependent Relatives—When by reason of death or disability of a member of the family of an enlisted man, occurring after his enlistment, members of his family become dependent upon him for care or support, he may, in the discretion of the Secretary of War, be discharged from the service of the United States.

Officers' Reserve Corps—For the purpose of providing a reserve of officers available for military service when needed, there shall be organized an Officers' Reserve Corps consisting of general officers, of sections corresponding to the various branches of the Regular Army, and of such additional sections as the President may direct. The grades in each section and the number in each grade shall be as the President may prescribe. Reserve officers shall be appointed and commissioned by the President alone, except general officers, who shall be appointed by and with the advice and consent of the Senate. Appointment in every case shall be for a period of five years, but an appointment in force at the outbreak of war, or made in time of war, shall continue in force until six months after its termination. Any reserve officer may be discharged at any time in the discretion of the President. A reserve officer appointed during the existence of a state of war shall be entitled to discharge within six months after its termination if he makes application therefor. In time of peace, a reserve officer must, at the time of his appointment, be a citizen of the United States or of the Philippine Islands, between the ages of twenty-one and sixty years.

Any person who has been an officer of the Army at any time between April 6, 1917, and June 30, 1919, or an officer of the Regular Army at any time, may be appointed as a reserve officer in the highest grade which he held in the Army or any lower grade; any person now serving as an officer of the National Guard may be appointed as a reserve officer in his present or any lower grade; no person shall in time of peace be originally appointed as a reserve officer of Infantry, Cavalry, Field Artillery, Coast Artillery, or Air Service in a grade above that of Second Lieutenant.

In time of peace appointments in the Infantry, Cavalry, Field Artillery, Coast Artillery, and Air Service shall be limited to former Army officers, graduates of the Reserve Officers' Training Corps, warrant officers and enlisted men of the Regular Army, National Guard, and Enlisted Reserve Corps, and persons who served in the Army at some time between April 6, 1917, and November 11, 1918. Promotions and transfers shall be made under such rules as may be prescribed by the President, and shall be based so far as practicable upon recommendations made in the established chain of command, but no reserve officer shall be promoted to any grade in time of peace until he has held a commission for at least one year in the next lower grade. So far as practicable, reserve officers shall be assigned to units in the locality of their places of residence. Nothing in this Act shall operate to deprive a reserve officer of the reserve commission he now holds. Any reserve officer may hold a commission in the National Guard without thereby vacating his reserve commission.

INSIGNIA OF RANK OF NON-COMMISSIONED OFFICERS OF THE U. S. ARMY

CHEVRONS WORN ON SLEEVES BETWEEN SHOULDER AND ELBOW

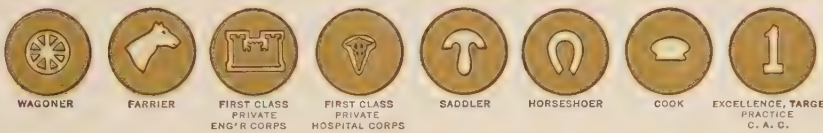
REG. SGT. MAJOR | BAT. SGT. MAJOR | REG. SUPPLY SGT. | BAT. SUPPLY SGT. | COLOR SGT. | FIRST CLASS SGT. SIGNAL CORPS | FIRST CLASS ORDNANCE SGT. | FIRST CLASS SGT. MED. CORPS

BAND LEADER | CHIEF TRUMPETER | MESS SGT. | FIRST SGT. | CO. SUPPLY SGT. | SERGEANT | CORPORAL | LANCE CORPORAL

STABLE SGT. | QUARTERMASTER SGT. | MASTER ELEC. C. A. C. | ENGINEER C. A. C. | MASTER GUNNER C. A. C. | MASTER ELECTRICIAN Q. M. C. | MASTER SIGNAL ELEC. | CHIEF MECHANIC

SLEEVE BADGES DESIGNATING MEN ASSIGNED TO SPECIAL DUTY

GUN COMMANDER | GUN POINTER | CASEMATE ELECTRICIAN | CHIEF PLANTER | FIRST CLASS GUNNER | SECOND CLASS GUNNER | FIRST CLASS OBSERVER | SECOND CLASS OBSERVER



WAGONER | FARRIER | FIRST CLASS PRIVATE ENG'R CORPS | FIRST CLASS PRIVATE HOSPITAL CORPS | SADDLER | HORSESHOER | COOK | EXCELLENCE, TARGET PRACTICE C. A. C.

ENLISTED MEN, COLLAR INSIGNIA, INDICATING BRANCH OF SERVICE

WORN RIGHT SIDE BY ALL | CAVALRY | INFANTRY | FIELD ARTILLERY | COAST ARTILLERY | ENGINEER CORPS | QUARTERMASTER CORPS | SIGNAL CORPS

HOSPITAL CORPS | ORDNANCE CORPS | BAND MUSICIAN | ELECTRICIAN | INF. PORTO RICO | INF. PHILIPPINES | RECRUITING SERVICE | AVIATION SECTION

ENLISTED AVIATOR

OFFICERS' AVIATION SECTION

AVIATION MECHANIC

ENLISTED MEN — AVIATION

HAT CORDS

ALL GOLD, GENERAL OFFICERS
GOLD AND BLACK, FIELD AND LINE OFFICERS
RED, WHITE AND BLUE, RESERVE OFFICERS TRAINING CAMP
LIGHT BLUE, INFANTRY
ORANGE AND WHITE, SIGNAL CORPS
MAROON AND WHITE, MEDICAL DEPT.
GREEN AND BLACK, AVIATION SECTION

SCARLET, ARTILLERY
GREEN, SERVICE SCHOOL
YELLOW, CAVALRY
SCARLET AND WHITE, ENGINEER
BUFF, QUARTERMASTER CORPS
BLACK AND SCARLET, ORDNANCE
BLACK, STAFF DEPTS.
SILVER AND BLACK, FIELD CLERK
BLUE AND WHITE, V. T. C. & R. M.
STEEL BLUE, Y. M. C. A.

INSIGNIA OF RANK OF OFFICERS OF THE UNITED STATES ARMY

SHOULDER STRAPS

GENERAL | LIEUT. GENERAL | MAJOR GENERAL | BRIGADIER GENERAL | COLONEL | LIEUT. COLONEL | MAJOR | CAPTAIN | FIRST LIEUTENANT | SECOND LIEUTENANT

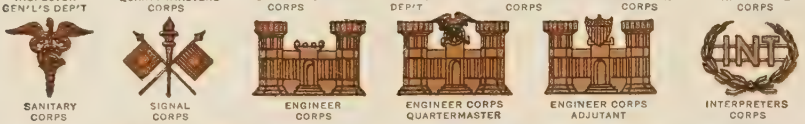
COLLAR INSIGNIA—WORN ON THE COLLAR OF SACK COATS - BOTH SIDES

REGULAR ARMY | OFFICERS' RESERVE CORPS | NATIONAL GUARD IN FEDERAL SERVICE | NATIONAL ARMY

COLLAR INSIGNIA—WORN WITH ABOVE, INDICATING BRANCH OR ARM OF SERVICE

INFANTRY | FIELD ARTILLERY | COAST ARTILLERY | CAVALRY | GENERAL STAFF CORPS | ADJUTANT GEN'L'S DEP'T | JUDGE ADVOCATE GEN'L'S DEP'T

INSPECTOR GEN'L'S DEP'T | QUARTERMASTERS CORPS | ORDNANCE CORPS | MEDICAL DEP'T | DENTAL CORPS | VETERINARY CORPS | AMBULANCE CORPS



SANITARY CORPS | SIGNAL CORPS | ENGINEER CORPS | ENGINEER CORPS QUARTERMASTER | ENGINEER CORPS ADJUTANT | INTERPRETERS CORPS

AID TO LIEUT. GEN'L | AID TO MAJOR GEN'L | AID TO BRIG. GEN. | CAVALRY QUARTERMASTER | FIELD ARTILLERY ADJUTANT | MACHINE GUN BATTALION | TANK CORPS

PORTO RICO REGIMENT | PHILIPPINE SCOUT | CHEMICAL DIVISION | OFFICER'S SERVICE BUTTON | CHAPLAIN | ENGINEER OFFICER'S BUTTON

INSIGNIA WORN ON OVERCOAT SLEEVES

GENERAL OFFICERS | COLONEL | LIEUT. COLONEL | MAJOR | CAPTAIN | FIRST LIEUT. | SECOND LIEUT. | CAPTAIN GEN'L STAFF

AVIATION SERVICE INSIGNIA—WORN ON LEFT BREAST

MILITARY AVIATOR | JUNIOR MILITARY AVIATOR | MILITARY AERONAUT | JUNIOR MILITARY AERONAUT | OBSERVER

MISCELLANEOUS

OFFICER'S CAP INSIGNIA | OFFICER'S SERVICE CAP | STEEL HELMET | OFFICER'S SERVICE HAT | FULL DRESS BELT CLASP

The President may order reserve officers to active duty at any time and for any period; but except in time of a national emergency expressly declared by Congress, no reserve officer shall be employed on active duty for more than fifteen days in any calendar year without his own consent. A reserve officer shall not be entitled to pay and allowances except when on active duty. When on active duty he shall receive the same pay and allowances as an officer of the Regular Army of the same grade and length of active service, and mileage from his home to his first station and from his last station to his home, but shall not be entitled to retirement or retired pay.

Reserve Officers' Training Corps—The President is authorized to establish and maintain in civil educational institutions a Reserve Officers' Training Corps, one or more units in number, which shall consist of a senior division organized at universities and colleges granting degrees, including State universities and those State institutions that are required to provide instruction in military tactics under the Act of Congress of July 2, 1862, donating lands for the establishment of colleges where the leading objects shall be practical instruction in agriculture and the mechanic arts, including military tactics, and at those essentially military schools not conferring academic degrees, specially designated by the Secretary of War as qualified, and a junior division organized at all other public and private educational institutions, and each division shall consist of units of the several arms, corps, or services in such number and such strength as the President may prescribe. The Secretary of War is authorized to maintain camps for the further practical instruction of the members of the Reserve Officers' Training Corps, no such camps to be maintained for a longer period than six weeks in any one year, except in time of actual or threatened hostilities; to transport members of such corps to and from such camps at the expense of the United States so far as appropriations will permit, to subsist them at the expense of the United States while travelling to and from such camps and while remaining therein so far as appropriations will permit.

The President alone, under such regulations as he may prescribe, is authorized to appoint as a reserve officer of the Army of the United States any graduate of the senior division of the Reserve Officers' Training Corps who shall have satisfactorily completed training, or any graduate of the junior division who shall have satisfactorily completed the course of military training prescribed for the senior division and the further training provided for in this Act, and shall have participated in such practical instruction subsequent to graduation as the Secretary of War shall prescribe, who shall have arrived at the age of twenty-one years and who shall agree, under oath in writing, to serve the United States in the capacity of a reserve officer of the Army of the United States during a period of at least five years from the date of his appointment as such reserve officer, unless sooner discharged by proper authority: *Provided,* That no reserve officer appointed pursuant to this Act shall be entitled to retirement, or to retired pay, and shall be eligible for pension only for disability incurred in line of duty in active service or while serving with the Army pursuant to provisions of this Act.

Training Camps—The Secretary of War is authorized to maintain, upon military reservations or elsewhere, schools or camps for the military instruction and training, with a view to their appointment as reserve officers or non-commissioned officers, of such warrant officers, enlisted men, and civilians as may be selected upon their own application.

The Enlisted Reserve Corps—The Enlisted Reserve Corps shall consist of persons voluntarily enlisted therein. The period of enlistment shall be three years, except in the case of persons who served in the Army, Navy, or Marine Corps at some time between April 6, 1917, and November 11, 1918, who may be enlisted for one year periods and who, in time of peace, shall be entitled to discharge within ninety days if they make application therefor. Enlistments shall be limited to persons eligible for enlistment in the Regular Army who have had such military or technical training as may be prescribed by regulations of the Secretary of War. The President may form any or all members of the Enlisted Reserve Corps into tactical organizations similar to those of the Regular Army, similarly armed, uniformed, and equipped, and composed so far as practicable of men residing in the same locality, may officer them by the assignment of reserve officers or officers of the Regular Army, active or retired, and may detail such personnel of the Army as may be necessary for the administration of such organizations and the care of Government property issued to them.

Members of the Enlisted Reserve Corps may be placed on active duty, as individuals or organizations, in the discretion of the President, but except in time of a national emergency expressly declared by Congress no reservist shall be ordered to active duty in excess of the number permissible under appropriations made for this specific purpose, nor for a longer period than fifteen days in any one calendar year without his own consent. While on active duty they shall receive the same pay and allowances as other enlisted men of like grades and length of service.

THE NATIONAL GUARD.

Original enlistments in the National Guard shall be for a period of three years and subsequent enlistments for periods of one year each: *Provided,* That persons who have served in the Army for not less than six months, and have been honorably discharged therefrom, may, within two years after the passage of this Act, enlist in the National Guard for a period of one year and re-enlist for like periods.

Men enlisting in the National Guard of the several States, Territories, and the District of Columbia, shall sign an enlistment contract and subscribe to the following oath of enlistment: "I do hereby acknowledge to have voluntarily enlisted this —— day of ———, 19—, as a soldier in the National Guard of the United States and of the State of ———, for the period of three (or one) year—, under the conditions prescribed by law, unless sooner discharged by proper authority. And I do solemnly swear that I will bear true faith and allegiance to the United States of America and to the State of ————, and that I will serve them honestly and faithfully against all their enemies whomsoever, and that I will obey the orders of the President of the United

States and of the Governor of the State of ————, and of the officers appointed over me according to law and the rules and Articles of War."

An enlisted man discharged from service in the National Guard, except when drafted into the military service of the United States under this Act, shall receive a discharge in writing in such form and with such classification as is or shall be prescribed for the Regular Army, and in time of peace discharges may be given prior to the expiration of terms of enlistment under such regulations as the President may prescribe.

Each enlisted man belonging to an organization of the National Guard shall receive compensation at the rate of one-thirtieth of the initial monthly pay of his grade in the Regular Army for each drill ordered for his organization where he is officially present and in which he participates for not less than one and one-half hours, not exceeding eight in any one calendar month, and not exceeding sixty drills in one year: *Provided,* That no enlisted man shall receive any pay under the provisions of this section for any month in which he shall have attended less than 60 per centum of the drills or other exercises prescribed for his organization: *Provided further,* That this Act shall not operate to prevent the payment of enlisted men actually present at any duly ordered drill or other exercise: *And provided further,* That periods of any actual military duty equivalent to the drills herein prescribed (except those periods of service for which members of the National Guard may become lawfully entitled to the same pay as officers and enlisted men of the corresponding grades in the Regular Army) may be accepted as service in lieu of such drills when so provided by the Secretary of War.

Persons hereafter commissioned as officers of the National Guard shall not be recognized as such under any of the provisions of this Act unless they shall have been selected from the following classes, and shall have taken and subscribed to the oath of office prescribed in this Act:—Officers or enlisted men of the National Guard; officers, active or retired, reserve officers and former officers of the Army, Navy, or Marine Corps; enlisted men and former enlisted men of the Army, Navy, or Marine Corps, who have received an honorable discharge therefrom; graduates of the United States Military and Naval Academies; and graduates of schools, colleges, universities, and officers' training camps, where they have received military instruction under the supervision of an officer of the Regular Army who certified their fitness for appointment as commissioned officers; and for the technical branches or Staff Corps and departments, such other civilians as may be specially qualified for duty therein.

NATIONAL GUARD RESERVE.

Hereafter, men duly qualified under regulations prescribed by the Secretary of War may enlist in the National Guard Reserve for a period of one or three years, under such regulations as the Secretary of War shall prescribe, and on so enlisting they shall subscribe to the following enlistment contract and take the oath therein specified: "I do hereby acknowledge to have voluntarily enlisted this —— day of ————, 19—, as a soldier in the National Guard Reserve of the United States and of the State of ————, for a period of one (or three) year—, unless sooner discharged by proper authority, and I do solemnly swear that I will bear true faith and allegiance to the United States of America and to the State of ————, and that I will serve them honestly and faithfully against all their enemies whomsoever, and that I will obey the orders of the President of the United States and of the Governor of the State of ————, and of the officers appointed over me according to law and the rules and Articles of War."

Members of said reserve, officers and enlisted men, when engaged in field or coast defense training with the active National Guard, shall receive the same Federal pay and allowances as those occupying like grades on the active list of said guard when likewise engaged: *Provided further,* That, except as otherwise specifically provided in this Act, no commissioned or enlisted reservist shall receive any pay or allowances out of any appropriation made by Congress for National Guard purposes.

Pay for the National Guard Officers—Captains and Lieutenants belonging to organizations of the National Guard shall receive compensation at the rate of one-thirtieth of the monthly base pay of their grades as prescribed for the Regular Army for each regular drill or other period of instruction authorized by the Secretary of War, not exceeding five in any one calendar month, at which they shall have been officially present for the entire required period, and at which at least 50 per centum of the commissioned strength and 60 per centum of the enlisted strength attend and participate for not less than one and one-half hours. Captains commanding organizations shall receive $240 a year in addition to the drill pay herein prescribed. Officers above the grade of Captain shall receive not more than $500 a year, and officers below the grade of Major, not belonging to organizations, shall receive not more than four-thirtieths of the monthly base pay of their grades for satisfactory performance of their appropriate duties under such regulations as the Secretary of War may prescribe.

National Guard When Drafted Into Federal Service—When Congress shall have authorized the use of the armed land forces of the United States for any purpose requiring the use of troops in excess of those of the Regular Army, the President may, under such regulations, including such physical examination, as he may prescribe, draft into the military service of the United States, to serve therein for the period of the war or emergency, unless sooner discharged, any or all members of the National Guard and of the National Guard Reserve. All persons so drafted shall, from the date of their draft, stand discharged from the militia, and shall be subject to such laws and regulations for the government of the Army of the United States as may be applicable to members of the Army, whose permanent retention in the military service is not contemplated by law, and shall be organized into units corresponding as far as practicable to those of the Regular Army or shall be otherwise assigned as the President may direct. The commissioned officers of said organizations shall be appointed from among the members thereof; officers with rank not above that of Colonel to be appointed by the President alone, and all other officers to be appointed by the President by and with the advice and consent of the Senate. Officers and enlisted

men while in the service of the United States under the terms of this section shall have the same pay and allowances as officers and enlisted men of the Regular Army of the same grades and the same prior service. On the termination of the emergency all persons so drafted shall be discharged from the Army, shall resume their membership in the militia, and, if the State so provide, shall continue to serve in the National Guard until the dates upon which their enlistments entered into prior to their draft would have expired if uninterrupted.

Insignia.—Insignia denoting rank of officers of the Military Service consist of shoulder, sleeve and collar devices, chevrons, hat cords and special insignia. (See colored plate: Insignia of Rank U. S. Army.)

Wound and Service Chevrons.—Gold Chevron on right sleeve below elbow, insignia of wound.

Gold on left sleeve below elbow, six months in theatre of military operations.

Blue on left sleeve below elbow, less than six months but more than three months in theatre of operations.

Silver on left sleeve below elbow, six months of service in the United States.

Green and red shoulder cord, member of unit cited as a whole by the French Government to receive the War Cross.

Red Shoulder Cord, member of unit cited as a whole by the French Government for the Legion of Honor.

Medals.—Strips of a prescribed length of 1⅜ inches are army service ribbons, standing for medals and campaign badges which the bearer is entitled to wear, as follows:

Congressional medal of honor—White stars on a field of light blue.

Certificate of merit badge—Two red, white and blue bands, separated by a thin band of white, the blue being outermost.

Philippines Congressional Medal—Blue band in centre flanked by bands of white, red, white and blue, the latter outermost.

Civil War—Campaign ribbon of equal-sized bands of grey and blue.

Indian Wars—Bright red, with narrow edges of deeper red.

Spanish Campaign—Alternating stripes of yellow and blue.

Philippine Campaign—Blue band in centre, flanked by narrower bands of red, blue edges.

Cuban Occupation—Blue in centre, flanked by narrow yellow, then broader red and blue borders.

Cuban Pacification—Broad olive drab centre, flanked by three narrow stripes of blue, white and red, the latter outermost.

China Campaign—Broad band of yellow with narrow border of blue.

Ribbons for gallantry are worn farthest to the left, followed by campaign ribbons in order of chronology.

Following is a complete list of the commanders of the army since 1775, together with their respective ranks and the period of command:

Gen. George Washington, June 17, 1775, to Dec. 23, 1783.

Maj.-Gen. Henry Knox, Dec. 23, 1783, to June 20, 1784.

Capt. John Doughty (artillery), June 20, 1784, to Aug. 12, 1784.

Lieut.-Col. Josiah Harmar (infantry), Aug. 12, 1784, to March 4, 1791.

Maj.-Gen. Arthur St. Clair, March 4, 1791, to March 5, 1792.

Maj.-Gen. Anthony Wayne, April 13, 1792, to Dec. 15, 1796.

Brig.-Gen. James Wilkinson, Dec. 15, 1796, to July 13, 1798.

Lieut.-Gen. George Washington, July 13, 1798, to Dec. 14, 1799.

Maj.-Gen. Alexander Hamilton, Dec. 14, 1799, to June 15, 1800.

Brig.-Gen. James Wilkinson, June 15, 1800, to Jan. 27, 1812.

Maj.-Gen. Henry Dearborn, Jan. 27, 1812, to June 15, 1815.

Maj.-Gen. Jacob Brown, June 15, 1815, to Feb. 24, 1828.

Maj.-Gen. Alexander Macomb, May 29, 1828, to June 25, 1841.

Maj.-Gen. Winfield Scott, July 5, 1841, to Nov. 1, 1861.

Maj.-Gen. George Brinton McClellan, Nov. 1, 1861, to March 11, 1862.

Maj.-Gen. Henry Wager Halleck, July 23, 1862, to March 9, 1864.

Gen. Ulysses Simpson Grant, March 9, 1864, to March 4, 1869.

Gen. William Tecumseh Sherman, March 8, 1869, to November 1, 1883.

Gen. Philip Henry Sheridan, Nov. 1, 1883, to Aug. 5, 1888.

Lieut-Gen. John McAllister Schofield, Aug. 14, 1888, to Sept. 29, 1895.

Lieut.-Gen. Nelson Appleton Miles, Oct. 5, 1895, to Aug. 8, 1903.

Lieut.-Gen. Samuel B. M. Young, Aug. 8, 1903, to Jan. 9, 1904.

Lieut.-Gen. Adna R. Chaffee, Jan. 9, 1904, to Feb. 1, 1906.

Lieut.-Gen. John C. Bates, Feb. 1, 1906, to Sept. 15, 1906.

Lieut.-Gen. Arthur McArthur, Sept. 15, 1906, to June 2, 1909, when he was retired under the operation of the law, and the rank became extinct.

Re-adjustment of Army for War against Germany.—The announcement of the War Department concerning the re-adjustment of American forces sent to Europe to fight against Germany was as follows:

"The ratio of artillery strength to infantry is greatly increased. A division will hereafter include only four infantry regiments in two brigades in place of the old division of three brigades, each comprising three regiments of infantry. There will still be three regiments of field artillery in each division. Thus, in the new organization, there will be three regiments of field artillery to every four regiments of infantry instead of the ratio of three to nine. In addition, a trench mortar battery is attached to each division.

"The machine gun arm is also materially enlarged. A machine gun battalion of four companies has been made a unit of each division, in addition to the three machine gun companies included in each regiment.

"The American division will be made by this order to conform practically to the units utilized by the Entente Allies, among whom a division numbers approximately 19,000 men. The reason for the change is that the division as heretofore made up of about 28,000 men is too unwieldy for the demands of trench warfare. With so large

a unit, sure and swift communication with all parts is difficult. The problem to be met was basically one of mobility for the peculiar needs of fighting on the western front.

"The smaller sized units call for maintenance of all units at full fighting strength. For this purpose reserve battalions will be provided. These will consist of 612 men each and are listed in the general order as 'separate training battalions.' The number of these battalions has not been made public. Details of regimental organization are also withheld for military reasons.

"The new order provides for army corps and armies, units which have practically existed only on paper since the Civil War. Corps were organized during the Spanish war, but were not actually operated as such to any great extent.

"Each army corps will consist of three infantry divisions, corps headquarters, and certain army corps troops not specified. Each army will normally consist of three or more army corps, army headquarters, and certain army troops not specified.

"Under the new order each infantry division will be composed as follows, the changes from the present organization being as indicated:

"One division headquarters (same as at present).

"One machine gun battalion of four companies (new).

"Two infantry brigades of two regiments and one machine gun battalion (four companies) each. (The present division is three infantry brigades of three regiments each.)

"One field artillery brigade of three regiments and one trench mortar battery (same, except trench mortar battery is new).

"One field signal battalion (same).

"One train headquarters and military police (same).

"One ammunition train (same).

"One supply train (same).

"One engineer train (same, except that pontoon and searchlights sections are not included in new plan).

"One sanitary train of four field hospital companies and four ambulance companies (same).

"The new organization provides for no cavalry in the division. The division as at present constituted calls for one regiment of cavalry. The present division also calls for one aero squadron, while the new plan calls for none, the aircraft units being otherwise provided for.

"The order specifies sixteen divisions of the national army to be organized and numbered from 76 to 91, both inclusive, and states the numbers to be given to each of the different units in each division. It provides that the sixteen divisions of the National Guard now organized shall be reorganized to conform to the new plan as soon as practicable after their arrival in the training camps.

"The regular army, the National Guard, and the national army will all conform to the same plan."

At maximum strength, an Infantry division will comprise 103 officers and 3,652 men, as follows:

	Officers and Men
1 headquarters and headquarters company	303
3 battalions of four rifle companies each	3,078
1 supply company	140
1 machine gun company	178
1 medical detachment	56
	3,755

Each rifle company has a strength of 250 men and 6 officers. It is composed of a company headquarters (2 officers and 18 men) and four platoons. Each platoon comprises:

	Officers and Men
1 headquarters	2
1 section bombers and rifle grenadiers	22
2 sections riflemen, 12 each	24
1 section auto riflemen (4 guns)	11
	59

The machine gun company has 6 officers and 172 men. It consists of the headquarters (3 officers and 21 men), 3 platoons (each with 1 officer and 46 men), and a train (13 men). Its armament is 12 machine guns of heavy type and 4 spare guns.

The number of men and officers in the infantry division is as follows:

1 division headquarters	164
1 machine-gun battalion of 4 companies	768
2 Infantry brigades, each composed of 2 Infantry regiments and 1 machine-gun battalion of 3 companies	16,420
1 Field Artillery brigade composed of 3 Field Artillery regiments and 1 trench-mortar battery	5,068
1 field signal battalion	262
1 regiment of Engineers	1,666
1 train headquarters and military police	337
1 ammunition train	962
1 supply train	472
1 engineer train	84
1 sanitary train composed of 4 field hospital companies and 4 ambulance companies	949
	27,152

The transportation equipment of the regiment is: 22 combat wagons, 16 rolling kitchens, 22 baggage and ration wagons, 16 ration carts, 15 water carts, 3 medical carts, 24 machine gun carts, 59 riding horses, 8 riding mules, 332 draft mules, 2 motor cycles with side cars, 1 motor car, 42 bicycles.

For more detailed information as to the scope and activities of the Army as well as equipment consult the index references to the Presidents' Messages and the Encyclopedic articles under the following headings:

Arms and Ammunition.
Arsenals.
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Army List and Register.—An official pamphlet, published monthly by the War Department, containing the names of all active and retired officers of the United States Army, with their addresses; the names and locations of all organizations connected with the Army, including both voluntary bodies and official army posts and camps; and the ranks of all men on the active list, with an account of all changes in the army organization since the previous monthly issue.

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Arnold's Treason.—Up to the time when he betrayed the cause of the United States, there had been few officers in the colonial army who had rendered more valuable service than had Benedict Arnold. In 1775, he assisted Ethan Allen to capture Fort Ticonderoga, and showed his devotion to the rebels' cause on that occasion by yielding command of the expedition to Allen, although he had better claims to it. He next played a prominent part in the colonial campaign against Canada, in which he was severely wounded. Indeed, the retreat from Canada, fought almost step by step, was engineered under Arnold's direction; and he revealed remarkable skill and persistence in going to the support of Fort Ticonderoga and preventing its re-capture by the British forces.

His exploits clearly entitled him to be raised to the command of major-general, but the jealousy of the several states in the Continental Congress blocked his appointment. Arnold seems to have been of a high-strung temperament, the kind of man who broods over real or fancied slights. And although he prevented in 1777 the capture of the important American position on Bemis Heights, which commanded the Hudson, Congress persisted, not only in refusing him just recognition, but also in making him subject to baseless trials and charges.

In 1778, Arnold was fulfilling his duties in Philadelphia, and there fell under the influence of the Tory society of that city, marrying a Philadelphia matron whose chief associations were with the Tory party. The last straw came when Congress refused to allow his claims for expenses which he had incurred in the colonial expedition against Canada, and by that action rendered Arnold a bankrupt. These circumstances, combined with a realization of the unprepossessing nature of the American cause at that time, with a change in the colonials' war aims and with disgust at the petty jealousies which were disrupting the colonies, proved too much for Arnold's patriotism, and he entered into treasonable negotiations with the British commanding officer.

Arnold asked for the command of the American position at West Point, meaning to betray it to the British; and although this position was the key to the whole war situation, so great was the confidence placed in Arnold by Washington that the command was granted him unquestioningly. Major André, of the British forces, was sent secretly to communicate with Arnold at West Point, and it was his chance capture as a spy which first revealed the treachery which Arnold had contemplated. Arnold, however, learned of André's capture, and made good his escape to a British warship. He later served in the British army in the South, and died, neglected and scorned, in England.

It was not so much the direct treason of Arnold which was so culpable, for his wrongs were many and undeniable and there were many in the American army deserting to England at that time, as was his betrayal of the implicit trust placed in him, and the consequent discouragement to the whole American cause, well expressed in Washington's comment on hearing the news of Arnold's treason—"Whom can we trust now?"

Aroostook War.—Between 1837 and 1839 the settled boundary between Maine and New Brunswick came near leading to active hostilities on the Aroostook River. The governor of Maine sent troops to drive off the intruders and erect fortifications, and Congress authorized the President to resist the encroachments of the British. President Van Buren sent Gen. Scott to the scene, who arranged a truce, and it was agreed that the country should be occupied jointly, as before, pending adjustment of the boundary, which was definitely settled Aug. 9, 1842, by the Ashburton treaty (pages 1733, 1738, 1747).

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Arsenals.—Armories and arsenals were not established in the United States until the beginning of the Revolutionary War. In 1776 powder was manufactured in Virginia and brass cannon were cast in Philadelphia. An arsenal was established at Carlisle, Pa., the same year. Washington in 1777 chose Springfield, Mass., as a suitable location for an arsenal, and small arms were manufactured there in 1787. This establishment, now the chief small arms manufactory, has a capacity of 1,000 rifles per day. The arsenal at Harpers Ferry, W. Va., was begun in 1795, and from that time the number was gradually increased until 1860, when there were 23 arsenals scattered over the country. The principal ones at present in use are at Springfield, Mass., and Rock Island, Ill., and at Pittsburgh, Pa., Augusta, Ga., Benicia, Cal., Columbia, Tenn., Fort Monroe, Va., Philadelphia, Pa., Indianapolis, Ind., Governor's Island, N. Y., Jefferson Barracks, Mo., Sandy Hook, N. J., San Antonio, Tex., Dover, N. J., Watertown, Mass., Watervliet, N. Y., Edgewood (Aberdeen), Md.

Ordnance, ammunition, and accouterments are manufactured at many of these places, the idea being to devote each to a special line of fabrication. Thus the establishment at Watervliet is devoted to the manufacture of heavy ordnance. Casting and assembling of guns are carried on at Rock Island and Benicia, as well as the making of leather goods. Naval guns and projectiles are made at Washington, D. C. Many of the arsenals are merely powder depots. The Navy Yards are also arsenals.

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Art. (See Science and Art.)

Art Exhibition. (See International Exhibition of Fine Arts.)

Art, National Gallery of recommended, 6914, 7106.

Arthur, Chester A.—Sept. 20, 1881-March 3, 1885.

Twenty-fourth Administration (continued)—Republican.

Secretary of State—
James G. Blaine (continued).
F. T. Frelinghuysen.

Secretary of the Treasury—
William Windom (continued).
Charles J. Folger.
Walter Q. Gresham.
Hugh McCulloch.

Secretary of War—
Robert T. Lincoln (continued).

Secretary of the Navy—
William H. Hunt (continued).
William E. Chandler.

Secretary of the Interior—
Samuel J. Kirkwood.
Henry M. Teller.

Postmaster-General—
Thomas L. James (continued).
Timothy O. Howe.
Walter Q. Gresham.
Frank Hatton.

Attorney-General—
Wayne MacVeagh (continued).
Benjamin H. Brewster.

Arthur was the fourth vice-president to succeed to the office of President through the death of the incumbent; and the second to succeed through death by assassination. He took the oath of office in New York city Sept. 20, 1881. Arthur continued most of Garfield's appointees as heads of departments.

Party Affiliation.—President Arthur early received strong anti-slavery sentiments from his father, who took part in the organization, at Utica in 1835, of the anti-slavery society. Mr. Arthur in his law practice took an active part as counsel in several cases in which the rights of colored people were concerned. He became a Henry Clay Whig and cast his first vote for General Scott in 1852. He was present at the Republican convention at Saratoga and, in 1856, took an active part in the Fremont campaign. From 1862 to 1872, while engaged in his law practice, General Arthur took an active part in politics.

Public Debt.—The public debt of the United States during the administration of President Arthur stood as follows: July 1, 1881, $1,819,650,154.23; 1882, $1,675,023,474.25; 1883, $1,538,781,825.15; 1884, $1,438,542,995.39.

In his First Annual Message (page 4635) the President said: "In view, however, of the heavy load of taxation which our people have already borne, we may well consider whether it is not the part of wisdom to reduce the revenues, even if we delay a little the payment of the debt." In his Second Annual Message (page 4721) he says: "But I renew the expression of my conviction that such rapid extinguishment of the national indebtedness as is now taking place is by no means a cause of congratulation; it is a cause rather for serious apprehension. If it continues it must speedily be followed by one of the evils so clearly set forth in the report of the Secretary. Either the surplus must lie idle in the Treasury or the Government will be forced to buy at market rates its bonds not then redeemable, and which under such circumstances can not fail to command an enormous premium, or the swollen revenues will be devoted to extravagant expenditure, which, as experience has taught, is ever the bane of an overflowing treasury." In his Third Annual Message (page 4765) he said: "There are cogent reasons, however, why the national indebtedness should not be thus rapidly extinguished. Chief among them is the fact that only by excessive taxation is such rapidity attainable."

Tariff.—In his First Annual Message (page 4636) the President says: "The tariff laws also need revision; but, that a due regard may be paid to the conflicting interests of our citizens, important changes should be made with caution. If a careful revision can not be made at this session, a commission such as was lately approved by the Senate and is now recommended by the Secretary of the Treasury, would doubtless lighten the labors of Congress whenever this subject shall be brought to its consideration." In his Second Annual Message (page 4722) he says: "The present tariff system is in many respects unjust. It makes unequal distribution both of its burdens and its benefits. This fact was practically recognized by a majority of each House of Congress in the passage of the act creating the Tariff Commission. . . . If a general revision of the tariff shall be found to be impracticable at this session, I express the hope that at least some of the more conspicuous inequalities of the present law may be corrected before your final adjournment. One of them . . . . the necessity of amending the law by which the Dutch standard of color is adopted as the test of the saccharine strength of sugars is too obvious to require comment." In his Fourth Annual Message (page 4839) he says: "The healthful enlargement of our trade with Europe, Asia, and Africa should be sought by reducing tariff burdens on such of their wares as neither we nor the other American States are fitted to produce, and thus enabling ourselves to obtain in return a better market for our supplies of feed, of raw materials, and of the manufactures in which we excel. It seems to me that many of the embarrassing elements in the great national conflict between protection and free trade may thus be turned to good account; that the revenue may be reduced so as no longer to overtax the people; that protective duties may be retained without becoming burdensome; that our shipping interests may be judiciously encouraged, the currency fixed on firm bases, and, above all, such a unity of interests established among the States of the American system as will

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT ARTHUR, 1881-1885.

(NOT INCLUDING TERRITORIES)

FLAG OF 1885

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be of great and ever-increasing advantage to them all."

Standard Time.—President Arthur called an international conference to establish a universal meridian from which to reckon time throughout the world. Twenty-five nations participated in the conference, which was held at Washington in October, 1884, and the meridian of Greenwich was agreed upon (pages 4718, 4800, 4827, 4841, 5180). This followed the division of the United States into four time sections.

Civil Service.—In his First Annual Message (page 4648) the President fully discusses the Civil Service. He repeats his views as set forth in his letter of acceptance of the nomination of the Vice-Presidency; describes the salient features of the English system; and selects from it such elements as he deems applicable to American conditions. Among these are: A practically life-tenure of office; limitation of age below middle life; and a retiring allowance. Competitive examination before appointment for fitness, and promotion on efficiency, are corner-stones of his plan. In his Second Annual Message (page 4733), in urging action by Congress, he said: "In the judgment of not a few who have given study and reflection to this matter, the nation has outgrown the provisions which the Constitution has established for filling the minor offices in the public service." Full and careful statistics of removals and appointments are here also given. A code of rules regulating the conduct of civil service employees was promulgated by Executive order (page 4748) under authority of the civil service act of 1883. This code was further supplemented and amended by another order (page 4754) under the same authority. These rules and the report of the Civil Service Commission are referred to (page 4773) in the President's Third Annual Message. In speaking of the effects of the Civil Service reform, the President says (page 4839) in his Fourth Annual Message: "The system has fully answered the expectations of its friends in securing competent and faithful public servants and in protecting the appointing officers of the Government from the pressure of personal importunity and from the labor of examining the claims and pretensions of rival candidates for public employment."

Star Route Trials.—Early in Arthur's administration public attention was directed to the indictment in Washington of John W. Dorsey, John M. Peck, John R. Miner, Stephen Dorsey, M. C. Rerdell, Thomas J. Brady, William H. Turner and J. L. Sanderson for conspiracy to defraud the government in bids for mail service. (See Star Routes.)

Internal Improvements.—President Arthur's attitude toward this great question is shown by his First Annual Message (page 4646) where he said: "I advise appropriations for such internal improvements as the wisdom of Congress may deem to be of public importance. The necessity of improving the navigation of the Mississippi River justifies a special allusion to the subject. I suggest the adoption of some measure for the removal of obstructions which now impede the navigation of that great channel of commerce." On Aug. 1, 1882, the President withheld his signature from a river-and-harbor bill appropriating the sum of $18,743,875. In doing so he said (page 4707): "My principal objection to the bill is that it contains appropriations for purposes not for the common defense or general welfare, and which do not promote commerce among the States. These provisions, on the contrary, are entirely for the benefit of the particular localities in which it is proposed to make the improvements. I regard such appropriation of the public money as beyond the powers given by the Constitution to Congress and the President." On Aug. 2, 1882, this bill was passed by Congress over the President's veto. In this connection it is worthy of note that in three of his annual messages (pages 4725, 4774, and 4839) the President recommended the provision of a Constitutional amendment which would permit the President to assent to parts of a bill and to veto other parts, without being obliged to veto the entire bill on account of one or two objectionable points.

Arthur, Chester A.:
- Annual messages of, 4624, 4713, 4757, 4822.
- Biographical sketch of, 4618.
- Bland-Allison Act discussed by, and recommendations regarding, 4633, 4720, 4830.
- Civil service discussed by, 4647, 4732, 4748, 4754, 4773, 4839, 4863.
- Collector of port of New York, suspension of, discussed, 4463.
- Constitutional amendment regarding approval of separate items of bill and veto of others recommended by, 4725, 4774, 4840.
- Death of, announced and honors to be paid memory of, 5081, 5082.
- Death of President Garfield—
  - Announced to, and reply of, 4604.
  - Discussed by, 4620, 4624.
- Finances discussed by, 4632, 4719, 4763, 4829.
- Inaugural address of, 4620.
- Internal improvements discussed by, 4646.
- Oath of office administered to, 4615.
- Portrait of, 4617.
- Powers of Federal and State Governments discussed by, 4707, 4771, 4808.
- Proclamations of—
  - Day of mourning in memory of President Garfield, 4621.
  - Discriminating duties on vessels from Cuba and Puerto Rico suspended, 4810.
  - Duties on foreign vessels suspended, 4871, 4872.
  - Extraordinary session of Senate, 4621, 4873.
  - Hundredth anniversary of surrender by Washington of commission as Commander-in-Chief, 4810.
  - Quarantine regulations, 4812.
  - Thanksgiving, 4623, 4710, 4746, 4812.
  - Treaty with Great Britain, termination of, 4867.
  - Unauthorized occupancy of lands in Indian Territory, 4811.
  - Unlawful combination in Utah, 4709.

World's Industrial and Cotton Centennial Exposition, 4746.
State of the Union discussed by, 4822.
Tariff discussed by, 4636, 4721, 4839.
Thanksgiving proclamations of, 4623, 4710, 4746, 4812.
Veto messages of—
Chinese immigration, 4699.
Passengers by sea, 4705.
Relief of Fitz-John Porter, 4808.
Rivers and Harbors, 4707.
Discussed, 4724.
Articles of Confederation, 5.
Signers of, 13.

Articles of War.—Rules and regulations for the guidance of the Army and Navy. In addition to the set rules, general orders of a special nature are issued by the War Department as occasion requires.

Artillery.—The history of artillery begins shortly after the invention of gunpowder. It was used by the Moors of Algeciras, in Spain, in 1343, and Edward III had four cannons at Crecy in 1346. During the sixteenth century brass guns and cast-iron projectiles were adopted throughout Europe. Gustavus Adolphus, Sweden's greatest warrior, introduced the battalion system and reduced the use of artillery to a science in Europe. Napoleon owed much of his military success to his skill in the manipulation of artillery. In his wars are seen the first important effects of the concentration of fire, which in those days could only be produced by the massing of guns. Napoleon III made a special study of the subject of artillery, and the treatise begun and mainly written by him is a standard work on the subject. During the Civil War Gen. William F. Barry did much to improve the organization of the artillery of the Union Army. The aggregate of field guns was about 15,000 with 40,000 horses and 48,000 men. According to the army reorganization act of Feb. 2, 1901, the regimental organization of the artillery arm was discontinued and the arm constituted and designated as the artillery corps. This consisted of 30 batteries of field artillery and 126 batteries of coast artillery. The officers of the Artillery Crops were a Chief of Artillery, to serve on the staff of the general officer commanding the army; fourteen colonels; thirteen lieutenant-colonels; thirty-nine majors; 195 captains; 195 first lieutenants; 195 second lieutenants; twenty-one sergeants-major with rank and pay of regimental sergeants-major of infantry; and twenty-seven sergeants-major with rank, pay and allowance of battalion sergeants-major of infantry. The aggregate of enlisted men was not to exceed 5,416 for the field artillery and 18,471 for the coast artillery. (See also Army; Arsenals; Arms and Ammunition.)

Before the entrance of the United States into the World War, the field artillery comprised 9 regiments, with 6 batteries in each. Of these, 5 regiments were light artillery, 2 were mountain artillery, 1 was field artillery, and 1 was horse artillery. A battery comprised 4 guns and 12 wagons. The coast artillery comprised some 21,000 men. In 1916, the National Guard of the several states comprised 9 regiments of field artillery, 9 separate battalions and 19 separate batteries of field artillery.

For details of organization during the war, consult the article Army, sub-head, *Re-adjustment for War.*

Artillery, increase in, recommended by President Roosevelt, 7000.
Artillery School of Practice at Fortress Monroe, Va., 940.
Artists, Foreign, tariff discriminations against, 4794, 4824, 4924, 5091, 5501.
Arundel Manuscripts, copy of, placed in Library of Congress, 1445.
Arve, The, seizure of, by Haitian authorities, 2680.

Ashburton Treaty.—A treaty concluded at Washington, Aug. 9, 1842, between Great Britain and the United States. It was negotiated by Lord Ashburton and Daniel Webster. It settled the long-disputed boundary line between the United States and Canada. The former secured about seven-twelfths of the territory which had been claimed by both countries. Provision was also made by the treaty for the suppression of the slave trade and the mutual extradition of fugitives from justice (pages 2015, 2047, 2082). (See Great Britain, Treaties with.)

Ashburton Treaty:
Reference to, 2134, 2273, 2760, 3071.
Asheville, N. C., act for erection of public building in, vetoed, 5060.

Asia.—The area of Asia is 17¼ million square miles, and it extends over nearly one-third of the land surface of the globe. The distance between its extreme longitudes, the west coast of Asia Minor (26° E.) and the East Cape (170° W.) is 6,000 miles. The extreme latitudes, Cape Chelyuskin (78° 30″ N.) and Cape Buru (90 miles north of the Equator), are 5,350 miles apart. Asia is bounded by the ocean on all sides except the west. The Isthmus of Suez (cut by a canal) connects it with Africa. The boundary between Europe and Asia is formed on the west mainly by the Ural Mountains and the Ural River. In the southwest the valley of the Manych, which stretches from the Caspian Sea to the mouth of the Don, is now taken as the line between the two continents, although the Caucasus was formerly considered as belonging to Europe. The islands of the archipelago which lies in the southeast, between the continents of Asia and Australia, may be divided into two groups by a line passing east of Timor, Timor Laut, the Kei Islands, and the Moluccas. Asia is assumed to be the birthplace of mankind. It has certainly been the scene of many highly developed civilizations and notable conquests. In it also originated the great religions of the world.

The Nations of Asia, with the form of government and capital of each, follow:

Afghanistan (Monarchy), Kabul.
Annam (French Protectorate), Hué.
Arabia (Tribal).
Bhutan (Monarchy), Punakha.
Bokhara (Kingdom), Bokhara.
China (Republic), Peking.
Hedjaz (Monarchy), Mecca.
India (Empire), Delhi.
Japan (Empire), Tokyo.
Nepal (Monarchy), Khatmandu.
Oman (Monarchy), Muscat.
Persia (Monarchy), Teheran.
Russia in Asia (Empire).
Siam (Kingdom), Bangkok.
Turkey in Asia (Monarchy).

Of these, Afghanistan is largely under British control; China has been compelled to

recognize the especial interests of Japan in China, and has other sections under the control of certain other of the great Powers; India belongs to the British Empire; the foreign policy of Hedjaz and Bhutan is dominated by the British foreign policy; Persia has been divided into spheres of influence, which are, from east to west, British, neutral and French; Russia (Siberia) in 1919 was in political chaos as a result of the Russian Revolution and the Bolshevist *coup d'etat* in 1917, with the Bolshevist Government in control only of the western part of Siberia; Siam's foreign policy was controlled by the British Foreign Office; Turkey in 1919 was awaiting the action of the Peace Conference called at the end of the World War for the final disposition of its territory, with the probability that an autonomous state of Armenia would be created, that Palestine would become a British mandatory, that Greece would obtain control over some of the western coast of Asia Minor, and that France and Great Britain would acquire spheres of influence, mandates or protectorates in other portions, notably Mesopotamia and the head of the Persian Gulf. For further details, consult the countries involved.

The East India Islands, the government to which they belong, the area in square miles and population are:

		Area Sq. Miles	Population
Borneo	British	85,000	850,000
	Netherlands	200,000	1,200,000
Celebes, Netherlands		72,000	900,000
Java, Netherlands		48,400	28,000,000
Lesser Sundas	Netherlands	22,000	800,000
	Portuguese	7,000	280,000
Moluccas, Netherlands		43,000	400,000
Philippines Sulus	United States	115,000	8,300,000
Sumatra, Netherlands		160,000	3,200,000

Physical Features.—The northern coast is almost entirely within the Arctic Circle. The subsoil is permanently frozen, only a few inches of the upper surface thawing in summer, when extensive marshes are formed. The main islands are the New Siberian Islands and Wrangel Island. In the northeast, Asia reaches to within thirty-six miles of the northwest peninsula of North America, from which it is separated by the shallow Bering Strait, which divides the Arctic from the Pacific Ocean. The east coast is fringed by numerous peninsulas and islands, both of which are usually mountainous. The peninsula of Kamchatka, Sakhalin Island, and the Kuriles mark off the Sea of Okhotsk, and to the south the Islands of Japan and the peninsula of Korea form the boundaries of the Sea of Japan. The largest island off this coast is the mountainous island of Formosa. The South China Sea is separated from the Pacific by the Philippines and Borneo. Indo-China forms a huge peninsula stretching far to the south with one long arm, the Malay Peninsula, which nearly reaches the Equator, and two lesser projections, the growing deltas of the Mekong and Irawaddy. Sumatra is separated by the Malacca Strait, the eastern gate between the Indian Ocean and the China Sea, to which Singapore owes its importance. The Deccan and Arabia project as large peninsulas into the Indian Ocean. The island of Ceylon is the only large island and is nearly joined to the mainland by Adam's Bridge.

The Strait of Ormuz and the Strait of Bab-el-Mandeb lead to the Persian Gulf and Red Sea respectively. To the north of the Red Sea the Gulfs of Suez and Akaba form openings to the north. The former is separated from the Mediterranean by the Isthmus of Suez, through which is cut the Suez Canal, while the latter leads to the rift valley of the Dead Sea. The Sea of Marmora between the Black Sea and the Ægean is bounded by narrow channels, the Dardanelles and the Bosphorus. Constantinople has a unique position at the west of the strait on the European side.

Asia may be divided into three main natural divisions:

The Northern Lowlands, an extensive plain rising gradually to the south and east.

Plateaus and Folded Ranges.—More than one-twelfth of Asia lies above 10,000 feet. A series of lofty plateaus extends from Asia Minor to Eastern Asia at varying elevations.

The Tablelands.—The Deccan, Ceylon, and Arabia form tablelands of old rock without the folded mountains which are characteristic of the rest of Asia. The Deccan of Peninsular India is a fragment of old land smoothed and worn by river erosion.

Five areas may be distinguished in Asia in which there is marked difference in climate: The Arctic Area, where the temperature in no month exceeds 50° F. The Siberian Area, where there is great winter cold but where the hardier cereals can be grown in summer. The Central Area, mostly a region of inland drainage. The Monson Area, comprising the most densely cultivated and populated regions of Asia. This includes China, Indo-China, and India. The Equatorial Area, which has two rainy seasons and a high annual rainfall. This includes the island grounds of Borneo, Sumatra, Java, etc., to the southeast of Asia.

Asia:
Commerce with, extension of, recommended, 2624, 2703.
Coolie trade with, referred to, 3261.
German domination in, must cease, 8401.
Immigrants from, should be protected against lawless assault, 7372.
Asia Minor. (See Anatolia.)

Asphalt.—A general term applied to several varieties of hydrocarbons of a bituminous nature, varying in hardness from semi-fluid to solid. It is used for paving purposes in the United States. Most of the asphalt used in the United States is brought from the island of Trinidad, off the coast of Venezuela. Other imports are from Bermudez, Venezuela. It is also found in Southern California. The supply in Trinidad is obtained from Pitch Lake, a name given to the crater of an extinct volcano, 138 feet above sea level. This crater covers an area of about 114 acres and is 135 feet deep at the center. The supply is gradually renewed by the constant exudation of soft pitch from subterranean sources to the extent of about one-fourth of that removed. Surrounding the crater is a deposit of land pitch, the overflow of past times. The Bermudez supply comes from a morass on the main land consisting of numerous small lakes. The California deposit exists in the form of large banks of bituminous sandstone (sand saturated with asphalt). These deposits are controlled by the American Asphalt Company, which holds a concession from the British government to work Pitch Lake on Trinidad. Venezuela also exports much asphalt to the United States.

Although there was a decrease in the

production of natural asphalt in the United States in 1913, including all the varieties of natural asphalt and asphaltic sandstone and limestone, there was a far greater corresponding increase in the output of manufactured or oil asphalt, according to the United States Geological Survey. Oil asphalt obtained as a residue from the distillation of Mexican, Gulf, and California asphaltic oils, and even from those of the Middle West, is becoming more and more available. There is correspondingly less interest in the development of new sources of natural asphalt.

In a recent year, 80,904 short tons were produced, of the value of $736,000. This is natural asphalt and is produced in only five states—Utah, Kentucky, California, Oklahoma and Texas. The first two mentioned lead the others in production. The sales of asphalt manufactured from petroleum amounted to 1,347,422 short tons and $15,000,000. Slightly less than half of the petroleum used for this purpose came from Mexico. In the year referred to, there were imported into the United States 188,000 short tons, valued at $1,000,000. Asphalt in the United States is used chiefly on the highways.

Asphaltum, disposition of lands in Utah containing, discussed, 6168.

Aspinwall, United States of Colombia:
Claims arising out of destruction of, 4912, 5122.
Imprisonment of American citizens in, 4798.
Maltreatment of passengers and seamen on ships plying between New York and, 3413.
Vessels from, duties on, suspended, 4871.

Assassination of American Presidents, discussed, 6639. (See also under Lincoln; Garfield; McKinley.)

Assay Offices are establishments maintained by the government in which gold and silver bullion may be deposited by citizens, they receiving its value, less charges in return. They are located as follows: New York City, N. Y.; Carson, Nevada; Denver, Colorado; St. Louis, Missouri; Seattle, Washington; Boise, Idaho; Helena, Montana; Deadwood, South Dakota; New Orleans, Louisiana; Salt Lake City, Utah.

Assistant Attorneys-General.—There are eight in number, each receiving a salary of $5,000 yearly. They assist in preparing opinions, and in arguing cases before the Supreme Court; they defend suits in the Court of Claims; and they represent the Government in the classification, etc., of imports. (See Attorney-General and Justice Department.)

Assistant Postmasters-General. — There are four of these, designated as first, second, third, and fourth assistant postmasters-general. They are appointed by the President, and their salaries are $5,000 a year each. The administration of the postal system is actively in their hands as follows:

First Assistant Postmaster-General—Has charge of appointments, salaries and allowances, dead letters (q. v.), and of the post-office service, including delivery of mail within cities. (See City Delivery, Divison of; Division Miscellaneous Transportation.)

Second Assistant Postmaster-General—Has charge of the railway mail service (q. v.), of foreign mails (q. v.), and of general mail transportation matters. (See Division of Miscellaneous Transportation.)

Third Assistant Postmaster-General—Has charge of stamps (q. v.), money orders (q. v.), registered mail (q. v.), postal savings (q. v.), and other financial responsibilities of the Department.

Fourth Assistant Postmaster-General—Has charge of the rural mail service (q. v.) and supplies.

(See Post-Office Department; Postmaster-General; Postal Service.)

Assistant Secretaries of the Treasury.—There are three assistant secretaries in the Treasury Department, who are theoretically of equal rank, and who are distinguished in the administration of the Department as Secretaries A, B, and C. They are appointed by the President, by and with the consent of the Senate, and their yearly salaries are $5,000 each. Under one assistant secretary falls the supervision of the departments of the life saving service (q. v.), the public health service (see Health Service), and the work of the supervising architect (q. v.). Under another assistant secretary falls the administration of the work of the Treasurer of the United States (q. v.), the Comptroller of the Currency (q. v.), the Register of the Treasury (q. v.), the Public Monies (see Revenue, Public), the Comptroller of the Treasury (q. v.), the Director of the Bureau of Engraving and Printing (see Engraving and Printing, Bureau of), the Director of the Mint (q. v.), the Commissioner of Internal Revenue (q. v.), the Secret Service (q. v.), and the auditors (q. v.). Another assistant secretary of the treasury supervises the administration of the customs (q. v.), the Bureau of War Risk Insurance (q. v.), and the investigations of special agents (q. v.). (See Treasury Department.)

Assistant Secretary of the Interior.—This officer was authorized by act of Congress approved March 14, 1862, and is appointed by the President, by and with the consent of the Senate, with a yearly salary of $4,500. He has no stated duties, but assists the Secretary of the Interior in the administration of the Department. (See Interior Department; Secretary of the Interior.)

Assistant Secretary of State, State Department.—This officer evolved from the chief clerk, who was the only other officer authorized to serve under the Secretary of State, when that office was created in 1789. It was not until 1853 that the office of assistant secretary of state was established by law. The assistant secretary of state is appointed by the President, by and with the consent of the Senate, and his yearly salary is $5,000. He has both general and direct supervision over the activities of the entire department, and puts into active operation the policy of the department. (See State Department; Secretary of State.)

Assistant Secretary of the Navy. — An assistant secretary of the Navy was appointed by act of Congress in 1882, but the act was repealed the following year. The present office of assistant secretary in the Navy Department was created on July 11, 1890. The incumbent is appointed by the President, by and with the consent of the Senate, and his yearly salary is $5,000. He acts as general assistant to the Secretary

of Navy in the administration of the Department, but in addition has particular jurisdiction over naval yards and docks (q. v.), and over the Marine Corps (q. v.). (See Navy Department: Navy.)

Assistant Secretary of War.—The office of assistant secretary of war was created on March 5, 1890. The assistant secretary of war is appointed by the President, by and with the consent of the Senate, and receives a yearly salary of $5,000. His duties are the assistance of the Secretary of War in the administration of the War Department, and he exercises direct supervision only over those matters which do not determine or affect the policy of the department, and which will not serve to establish a precedent for it. (See War Department.)

Assistant to the Attorney-General.—The appropriations for the Department of Justice made by Congress in 1913 carried an item of $9,000 as yearly salary for an assistant to the Attorney-General. This officer was created by act of March 3, 1903, and is in charge of the work of the Department of Justice covering the application of the Anti-trust and Interstate Commerce laws. (See Department of Justice; Attorney-General; Anti-trust Law; Anti-trust Legislation; Interstate Commerce; Interstate Commerce Act; Interstate Commerce Commission.)

Associated Press, responsibility of, discussed, 3051.

Assumption of State Debts.—Early in the second session of the First Congress Alexander Hamilton, Secretary of the Treasury, recommended that in order to restore public credit the Federal Government should fund and pay the foreign debt of the Confederation ($13,000,000), the domestic debt ($42,000,000) and also that it assume and pay the unpaid debt of the States. Massachusetts, Connecticut, New York, New Jersey, and South Carolina favored the plan. Virginia strongly opposed the latter clause. She was sustained in her opposition by Maryland, Georgia, and New Hampshire. The influence of North Carolina thrown against the measure defeated it for the time, but it was revived later, and passed Aug. 4, 1790, it was claimed, by a combination of its friends with those of the measure locating the Federal capital on the Potomac. The amount authorized to be assumed by the Government in the liquidation of the State debts was $21,500,000, but the amount actually assumed was $3,250,000 less than that sum.

Astronomical Observatory. (See Meteorological Observatory; Naval Observatory.)
- Establishment of, recommended, 879.
- Report of Simon Newcomb on improvements for, 4790.

Asylum, Right of, discussed, 3883, 5961.

Atchison and Pikes Peak Railroad Co. referred to, 3658.

Atchison's Presidency.—David R. Atchison, Senator from Missouri, and President pro tem of the Senate, was President of the United States for the one day between the expiration of President Polk's term at noon on Sunday, March 4, 1849, and the inauguration of President Taylor on the following day. (See Presidential Succession.)

Atlanta, Ga.:
- Capture of, and orders regarding celebration of, 3439.
- Collection of remains of officers and soldiers around, referred to, 3581.
- Cotton Exposition at, 4631.

Atlanta (Ga.), Battle of.—On the night of July 21, 1864, Gen. Hood transferred his forces before Atlanta to a point near Decatur, about five miles east of Atlanta. Sherman came up and, finding the works on Peach Tree Creek abandoned, proceeded to invest the city. At 11 A. M. of the 22d, Hood surprised the left wing of Sherman's army, under McPherson, by a sudden movement from Decatur. The whole line was soon engaged. Gen. McPherson was killed in the action, and the command of the Army of the Tennessee devolved upon Gen. Logan. After four hours of fighting the Confederates retired into their main works about Atlanta, leaving their dead and wounded on the field. The total Confederate loss was estimated at about 8,000. The Federal loss was 3,722 killed, wounded and missing. Sherman now drew his lines closely around Atlanta and prepared for a siege, but was unable to cut off Confederate supplies from Macon. Aug. 25 he gave up the idea of a direct siege. Sept. 1, however, a part of Hood's forces under Hardee having been repulsed at Jonesboro, Hood blew up his magazines and evacuated the city.

Atlanta, The. (See *Weehawken,* The.)

Atlanta, U. S. S., mentioned, 6766, 6770, 6835.

Atlantic Islands.—The Atlantic Ocean has a large number of bordering islands—the British Isles and West Indies are most important. Islands in the deep ocean like the Bermudian group are few.

Iceland.—Settled by Norsemen about 870. United with Norway 1262. Passed to Denmark 1380. Area, 39,756 square miles. It contains many hot springs and volcanoes, the largest of which is Mt. Hekla. It is subject to earthquakes.

Bermuda is a group of 360 coral islands 580 miles east of North Carolina. They were discovered by Bermudez, 1522; colonized 1612. They form a British colony. (See Bermuda.)

Bahamas are noted as the first point of discovery by Columbus, 1492, San Salvador (Watling I.). Settled by British, 1629; ceded to England, 1783; British Crown Colony. The group comprises 20 inhabited and many uninhabited islands. For a more complete description, see the article Bahamas.

Atlantic Ocean:
- Canal from—
  - Great Lakes to, commission to consider construction of, 6179.
  - Gulf of Mexico to, discussed, 995.
- Junction between Pacific and, referred to, 2128, 2676.
- Desired, 2813, 2988.

Atlantic Telegraph:
- Discussed, 3653.
- Illustration of laying of, opposite 3696.
- Referred to, 3329, 3382, 3445.

Atlixco (Mexico), Battle of.—Immediately after the battle of Humantla Gen. Lane pressed forward to relieve the garrison at Puebla, Oct. 18, 1847; he learned that Rea, with a body of guerillas, was at Atlixco, a town about 10 leagues from Perote. The enemy was encountered on the afternoon of the 19th outside of the city, driven into and through the city, and dispersed. The Mexican loss was very severe, no less than 519 having been killed and wounded, while the Americans lost only two men.

Atrocities, Belgian, Bryce Report on. (See Bryce Report on Belgian Atrocities.)

Attainder.—The extinction of civil rights and privileges in an individual, and the forfeiture of his property to the government. In England, under the common law, it followed as a matter of course on a conviction and sentence to death for treason, and to some extent on sentence for other crimes. A Bill of Attainder is a legislative conviction of crime, with a sentence of death. The accused may or may not be given a trial. Foreign governments have employed this method of disposing of political offenders without giving them the opportunity of a regular judicial trial. The crime against which Bills of Attainder are usually directed is treason. Attainder following on sentence of death for treason formerly worked forfeiture of the condemned person's estate to the government, and by corruption of blood, as it is called, prevented his heirs from inheriting. Legislative convictions which impose punishments less than death are called Bills of Pains and Penalties; they are included in the meaning of the words, "Bill of Attainder," used in the Constitution of the United States. That Document prohibits the passage of Bills of Attainder by Congress or any State (Article 1, section 9, clause 3), and further provides, concerning judicial convictions of treason (Article 3, section 9, clause 2), that "no attainder of treason shall work corruption of blood or forfeiture except during the life of the person attained." The Supreme Court has decided unconstitutional as coming within the prohibitions of the Constitution, an act of Congress aimed at those who had engaged on the Confederate side in the Civil War, requiring all persons to take an oath negativing any such disloyal action before they should be allowed to practice in the United States Courts. (See Treason.)

Attorney-General—The office of attorney-general was created by an act of Sept. 24, 1789. He is appointed by the President with the confirmation of the Senate. He is a member of the Cabinet, and receives a salary of $12,000 per year. All United States district attorneys and marshals are under his control. He seldom argues cases, this work being assigned to subordinates. He is assisted by a solicitor general and eight assistant attorneys general, besides one for the Post Office and one for the Interior Department. (See Justice, Department of.)

Attorney-General (see also Judiciary System; Justice, Department of):
- Compensation to, referred to, 697, 1091.
- Duties of, 2265.
- Duty to prosecute and conduct all cases in the Supreme Court in which the United States should be concerned or interested, 697.
- Espionage Act authority vested in, 8520.
- Legislation urged by, 8815.
- Member of board to examine quotas of States under call for troops, 3476.
- Modifications in office of, recommended, 1090, 2265.
- Opinion of—
  - Concerning treaty of Ghent, 966.
  - Regarding delivery of persons charged with crimes referred to, 1808.
- Opinions of, compiled, 1856, 2632, 2643.
- Recommendation that he be placed on footing with heads of other Executive Departments, 562, 880, 1016, 2265.

Attorney in Charge of Titles, Justice Department.—This officer renders opinions relating to purchase and condemnation of land by the United States. (See Justice Department, Public Lands.)

Attorneys, District:
- Compensation of, discussed, 189, 2666, 2714, 4770, 4836, 4939, 5103.
- Necessity of a uniform fee bill for guidance of, referred to, 2666.

Attorneys, United States, no statutes for punishment of, 7003.

Auditing System, federal, reforms in, discussed, 7506, 7741. (See also Budget.)

Auditors, Treasury Department. — There are six auditors in the Department of the Treasury—one supervising accounts in the department itself, one the accounts in the War Department (q. v.), one the accounts in the Interior Department (q. v.), one the accounts in the Navy Department (q. v.), one those in the Post-Office Department (q. v.), and one those in the State and other departments (q. v.). The auditors determine the proper form of all accounts in the various departments of the Government, as well as investigate them thoroughly. See Treasury Department, and also the several executive departments.

Augusta (Ga.), Siege of.—In the autumn of 1780, Cornwallis stationed Lieut.-Col. Brown, with a Loyalist force, at Augusta, Ga. Col. Clark threatened the place for two days, inflicting some loss upon the garrison. The British loss was principally of their Indian auxiliaries. In the spring of the following year, while Gen. Greene besieged Fort Ninety-Six, Lee, Pickens, Clark, and other Southern partisans laid siege to Augusta, beginning May 23. June 5, 1781, Brown surrendered. The American loss was fifty-one killed and wounded. The British lost fifty-two killed. The wounded and prisoners on the British side amounted to 334.

Austin-Topolovampo Railroad, survey of, correspondence with Mexico regarding, referred to, 4475.

Australasia.—One of the two divisions of Oceania. It is subdivided by geogra-

phers into Australia proper (*q. v.*) and Melanesia. The latter includes New Guinea, Bismarck Archipelago, New Caledonia, Solomon, Santa Cruz, New Hebrides, and Loyalty Islands. (See also Australia and Oceania.)

Australia.—The territory of the Commonwealth of Australia includes the Continent of Australia, the Island of Tasmania and part of the island of New Guinea (Papua).

Australia (mainland) is probably the oldest of all land surfaces in either hemisphere. It is surrounded by the following waters: North, the Timor and Arafura Seas and Torres Strait; East, Pacific Ocean; South, Bass Strait (which separates Tasmania from the Continent) and Southern Ocean, and West, Indian Ocean. The coast-line of Australia is approximately 8,805 miles, and the geographical position of the Continent is between 10° 39′–39° 11′ South latitude and 113° 5′–153° 16′ East longitude; the greatest distance East to West is 2,400 miles, and from North to South 1,971 miles.

Physical Features.—Nearly all round the coast and in eastern and southeastern Australia, stretching far inland from the coastal range, is a rich grazing country, admirably adapted to the rearing of sheep. The most extensive mountain system takes its rise near the southeast point, and includes a number of ranges known by different names in different places, none of them being of any great height. The principal rivers are the Murray, with its tributaries, the Murrumbidge, Lachlan, and Darling, in the southeastern part of the island, which fall into the sea on the south coast; on the east coast, the Hawkesbury, Hunter, Clarence, Richmond, Brisbane, Mary, Burnett, Fitzroy, and Burdekin; on the west, the Swan, Murchison, Gascoyne, Ashburton, Fortescue, De Grey, and Fitzroy; on the north, the Drysdale, Ord, Victoria, and Daly; and the Roper, the Flinders, and Mitchell, which debouch into the Gulf of Carpentaria. Lakes are numerous, but nearly all are salt; the scarcity of the natural water supply has been, however, mitigated by successful borings.

Minerals.—Minerals comprise gold, silver, copper, iron, and coal in large quantities, antimony, mercury, tin, zinc, etc.

The seasons commence about March 21 (Autumn), June 21 (Winter), Sept. 22 (Spring), and Dec. 22 (Summer). The climate is extremely dry, but, except in the tropical coast-land of the north, the Continent is everywhere highly beneficial to Europeans, the range of temperature being smaller than that of other countries similarly situated.

History.—The continent of Australia was known in the sixteenth century. It was visited by the Dutch in 1606. New South Wales was visited and named by Captain Cook in 1770. A British penal colony was established at Sydney in 1788, and at Brisbane, Queensland, in 1825. Settlements were made in Western Australia in 1826, Victoria in 1834, and at Adelaide in 1836. The discovery of gold near Bathurst, New South Wales, in 1851, gave strong impetus to immigration. The Commonwealth of Australia was created in 1900 by the federation of the States of New South Wales, Victoria, Queensland, South Australia, Western Australia, and Tasmania. The Governor-General is appointed by the Crown.

New South Wales is the oldest state. Sydney, the capital and principal port, has a population of 621,000. Forests cover one-quarter of the surface, and the cultivated area was reported in 1911 at 3,381,000 acres. Besides wheat, corn, and tobacco 20,000 acres were under citrus fruit, mostly oranges, the yield being reported as 687,283 cases. In 1910 45,561,000 sheep were reported, from which were clipped 415,338,000 pounds of wool.

Victoria was originally a part of New South Wales but was made a separate colony in 1851. The imports in 1910 were valued at $97,350,000, and exports $88,700,000, of which $11,790,000 was gold. Melbourne, the chief city, has a population of 591,830.

Queensland was visited by Captain Cook in 1770 and settlements were made in 1825. The staple production of the state is wool, the production in 1910 being 139,250,000 pounds. Sugar is the principal manufactured article.

South Australia was proclaimed a British province in 1836, and the northern territory was transferred to the Commonwealth in 1911. The area of South Australia was 380,070 square miles, to which the northern territory added 523,620 square miles. The climate resembles that of southern France or Italy. The wine product of 1910 was more than three million gallons. Sugar cane and fruits are also grown. Adelaide is the capital and commercial center, having a population of 192,000 in 1911.

Western Australia is the largest Australian state. It has an area of 975,920 square miles. The forest area is estimated at twenty million acres, the timber (including eucalyptus) is especially valuable for shipbuilding and bridgework, owing to its durability.

Government.—The Government is that of a Federal Commonwealth within the British Empire, the executive power being vested in the Sovereign (through the Governor-General), assisted by a Federal Executive Council of ten Ministers of State and such honorary Ministers who may be appointed thereto. The Constitution rests on the fundamental law of March 16, 1898, ratified by the Imperial Parliament on July 9, 1900; and the Commonwealth was inaugurated on Jan. 1, 1901. Under the Constitution the Federal Government possesses limited and enumerated powers as surrendered by the federating States, the residuum of legislative power being in the Governments of the various States. Briefly stated, the enumerated powers include authority over commerce and navigation, finance, defense, post offices and telegraphs, census and statistics, and conciliation and arbitration in extra-State industrial disputes; with authority to assume the control of railways and lighthouses, marriage and divorce, emigration and immigration, currency and banking, and weights and measures.

States and Capitals	Area Sq. Miles	Population, Last Figures
New South Wales (Sydney)	309,432	1,897,084
Victoria (Melbourne)	87,884	1,416,982
Queensland (Brisbane)	670,500	705,588
South Australia (Adelaide)	380,070	439,275
West Australia (Perth)	975,920	311,121
Tasmania (Hobart)	26,215	202,842
Northern Territory (Darwin)	523,620	5,269
Federal Territory	940	2,404
Total	2,974,581[1]	4,980,565

[1] In addition, there are some 75,000 to 100,000 aborigines.

In 1905, Papua (British New Guinea) was transferred to the administration of Australia, and thus became an Australian dependency or territory. In 1914, Norfolk Island also became an Australian dependency.

The Federal Parliament consists of a Senate and a House of Representatives. The Senate contains thirty-six members, six from each of the Original States, elected for six years by universal suffrage. Half of the Senate is elected every three years, but in case of a prolonged disagreement with the House of Representatives, the Senate may be dissolved and an entirely new one elected.

The House of Representatives consists, as nearly as possible, of twice the number of members of the Senate, in proportion to the population, but with a minimum of five members for each Original State. The last enumeration gave New South Wales 27 members in the House of Representatives, Victoria 21, Queensland 10, South Australia 7, Western Australia 5 and Tasmania 5.

Suffrage is universal, i. e. both male and female. The two leading political parties are the Nationalist and Labor Parties.

There is an elaborate system of social insurance laws, including maternity benefits, old age pensions, health insurance. There is also a remarkable amount of protective labor legislation.

There is a Federal High Court with a Chief Justice and six Judges, having original and appellate jurisdiction, subordinate to the final Appeal Court of the Empire, the Judicial Committee of the Privy Council.

Army and Navy.—The Australian system of military training is described below under that heading. The latest figures gave 4,000 in the permanent army, 84,000 citizen soldiers, 90,000 senior cadets, 100,000 in the rifle clubs, with a grand total of 280,000.

During the World War, Australia voted against conscription, in referenda held for that purpose, but some 750,000 men volunteered for service. Of this number, some 415,000 were accepted and about 330,000 were sent overseas. The Australian casualties in the war included 55,000 dead, 160,000 wounded, 76,000 sick, 3,500 prisoners. Up to June, 1918, the total war expenditure was in the neighborhood of $900,000,000.

An agreement was entered into (1902) by the Commonwealth and Imperial Governments under which a naval force was to be maintained (for ten years, 1903-13) in Australasian waters by the British Board of Admiralty, in return for annual contributions from Australia (£200,000) and New Zealand (£40,000), a third party to the agreement. This agreement provided also for the maintenance of Sydney as a first-class naval station, and for the nomination of naval cadets in the Royal Navy by the Australian and New Zealand Governments. This agreement is merged into an Australian Defense scheme, under which the Commonwealth provides and maintains certain ships of war, which form an Australian squadron of the Royal Navy, under the command of a Commonwealth officer in time of peace, and an integral part of the Eastern Fleet of the Royal Navy in time of war. Ships of the Royal Australian Navy are known as *H.M.A.S.* (His Majesty's Australian Ship).

Debt.—The latest figures give the Commonwealth public debt as $1,350,000,000. Of this amount, some $240,000,000 represented war loans from the British Government. The aggregate public debt of the several states at latest reports was about $1,500,000,000. Down to October, 1918, the Australian war loans amounted to $900,000,000. The total war expenditure of Australia down to the middle of 1919 was estimated at $1,200,000,000, of which about 15 per cent was charged to revenue and the remainder to loans.

Production and Industry.—Recent figures indicate that the total area of Australia is 1,801,981,000 acres. Of this, about 45 per cent was either unoccupied or occupied by the Crown. The total area under crops was 16,806,000 acres. The forest area was 102,000,000 acres, of which 14,137,000 have been especially reserved for timber.

The estimated value of Australian products, according to most recent figures was as follows, the figures being in pounds sterling (a pound equals $4.86) :

Agricultural	£ 60,207,000
Pastoral	89,940,000
Dairy, etc.	26,949,000
Forestry and Fisheries	5,505,000
Mining	23,621,000
Manufacturing	64,205,000
Total	£270,427,000

The total wealth of Australia is estimated at £1,600,000,000.

Of the acreage under cultivation, the greater part, or 9,675,000 acres, was used for wheat-growing. The most recent figures give 115,000,000 bushels as the annual wheat crop. More than 2,500,000 acres are devoted to hay-growing, and the last annual yield of hay was 3,500,000 tons. The next most important crops are oats and maize. In a recent year, some 2,000,000 tons of sugar-cane were also produced, amounting to 335,000 tons of sugar.

Recent figures give the number of sheep as 77,000,000, of horses 2,435,000, of cattle 10,459,000 and of pigs 1,000,000. As is evident, sheep-herding is most extensive. In a recent year the production of wool amounted to some 550,000,000 pounds, the value of which was £36,000,000. Considerably more than half of this was exported.

The most recent figures give the annual value of the mineral production as follows: Gold, $30,000,000; Silver and Lead, $25,000,000; Copper, $20,000,000; Tin, $5,000,000; and Coal, $26,000,000.

Manufactures.—The latest figures place the number of manufacturing establishments at 15,000; employees at 317,000; annual salary and wage account, $150,000,000; value of land and capital invested, $400,000,000; value of output, $800,000,000.

Railways.—Most of the railways are Government-owned and operated. Most recent figures give their mileage as 21,642, as against 1,177 for the private lines. (These figures are for miles open to general traffic.) Of the Government railways, the cost of construction and equipment was £214,280,000, the number of passenger trips for the last year was 267,000,000; 28,000,000 tons of goods and live stock were carried, the receipts were £23,000,000 and the operating expenses were £17,000,000.

In 1917, the trans-Australian railway from Port Augusta in South Australia to Kalgoorie in Western Australia, a distance of some 1,050 miles, was completed.

There are 8,500 post offices, which dispatch annually 600,000,000 letters and cards, 150,000,000 newspapers, magazines and circulars, and some 60,000,000 parcels and packets. The telegraph, telephone system and cables are also operated by the Government.

Shipping.—The Australian merchant marine consists of 1,338 sailing vessels of 53,000 tons and 2,508 steam vessels of 349,000 tons. These figures represent a decrease over the pre-war years, due to the depredations of the World War. In a recent year, there entered and cleared about 1,500 vessels of 3,850,000 tonnage. Of these, 650 were

British; 315 were Australian; 145 were United States and 125 were New Zealand. The chief ports are Sydney and Melbourne.

The chief exports were as follows:

	1913-4	1917-8
Wool	£26,277,000	£24,586,000
Meat	7,131,000	7,500,000
Wheat	7,987,000	5,990,000
Total exports	78,571,769	75,039,000
Total imports	79,749,653	60,363,144

The imports came chiefly from the following countries:

	1913-4	1916-7
United Kingdom	£47,616,000	£39,996,000
United States	9,523,000	15,528,000
Germany	4,947,000	.....
Japan	919,000	3,383,000
France	625,000	159,000

Exports for 1916-7 were distributed as follows:

United Kingdom	£57,844,000
United States	6,783,000
Canada	6,393,000
France	4,080,000
Italy	4,453,000
Japan	3,727,000

The chief articles of import are metal manufactures, cotton and linen piece goods, drugs and chemicals, tea and spirits, wearing apparel, silk and woolens, oils and paper.

In 1919, the United States sent to Australia and New Zealand goods valued at $123,256,000 and received from them goods valued at $79,489,000.

The weights, measures and coinage are identical with those used in the United Kingdom.

Towns.—Capital, Canberra, in the Federal District, purchased in 1911 from the State of N.S.W., is to be laid out as the capital of the Commonwealth. Meanwhile the seat of government is Melbourne.

There were sixteen cities and towns with a population exceeding 20,000 at the census of 1911, viz.:

Sydney (N.S.W.), 637,102; Melbourne (Vic.), 591,830; Adelaide (S.A.), 192,294; Brisbane (Q.), 141,342; Perth (W.A.), 84,580; Newcastle (N.S.W.), 65,500; Ballarat (Vic.), 44,000; Bendigo (Vic.), 42,000; Hobart (Tas.), 38,055; Broken Hill (N.S.W.), 31,000; Geelong (Vic.), 28,880; Charters Towers (Q.), 25,000; Launceston (Tas.), 24,536; Ipswich (Q.), 23,000; Rockhampton (Q.), 21,033; Fremantle (W.A.), 20,000. (See also Oceania.)

Australia, copyright privileges granted to, 8480.

Australian Ballot. (See Ballot.)

Australian System of Military Training.—Australia (q. v.) has had universal service since 1903. At the age of 12, the Australian boy enters a voluntary Cadet Corps as a junior cadet. Until the age of 14, he spends 90 hours a year in gymnastics, "setting up" exercises, and easy military maneuvers. He receives a uniform from the Government, but no musket. From the age of 14-18, he is enrolled as a senior cadet, when he receives a cadet rifle, later changed to the regulation army rifle when he shows sufficient progress to handle it. He now obtains careful drill in marching, in guard duty, and in military tactics, with especial attention to marksmanship. During these four years, he must receive at least 24 drills of 1 hour each, 12 drills of 2 hours each, and 4 drills of 4 hours each. At the age of 18, he joins the citizen army, and remains in it until he is 26, although he is liable to service until he reaches the age of 60. During his 8 years in the regular army, he devotes to training 16 days of 6 hours each yearly. It is estimated that this system has provided Australia with a citizen army of 120,000, with 150,000 cadets. The forces can be sent to foreign lands only by a referendum vote of the citizens of Australia, and the first referendum taken to allow conscription for service in Germany during the European war was voted down on October 29, 1916. (See Swiss System of Military Training; Compulsory Military Service.)

Austria.—One of the nations arising from the collapse of Austria-Hungary as a result of the defeat of the Central Powers in the World War of 1914-1918, in which Austria-Hungary was the main ally of Germany. It is of far smaller extent than the Austria which was one of the two component parts of the old empire of Austria-Hungary, and the new Austria, which is occasionally referred to as *German Austria,* must not be confused with that old Austria. For description of the old Austria, consult the article *Austria-Hungary* below.

The old Austria had included within its boundaries a number of subject nationalities in addition to the dominant nationality, which was German by origin, by language and by culture. And the present Austria represents the kernel left from the old Austria when these minor nationalities obtained independence; although in several instances the Treaties of Versailles seem to have drawn the boundaries of the new Austria too narrowly to include all of the German-Austrian population, with the result that in Czecho-Slovakia and the Tyrol, large sections of the German-Austrian nationality have themselves become a minor nationality under alien rule.

The chief subtractions of nationalities from the old Austria, as a result of the treaties following the World War, were as follows: The Italians in Trent and the Istrian peninsula (including Trieste), joined to Italy; the Czechs (Bohemians) and Slovaks in the northwest of the old Austria, organized into the new nation of Czecho-Slovakia; the Ukrainians (Ruthenians) in the northeast of the old Austria (Galicia), included within the new nation of Ukraine or Ukrainia; the Southern (Jugo) Slavs in the eastern and southern sections of the western wing of the old Austria; and possibly also some Italians in the extreme north of the old Austrian division of Dalmatia and in the islands in the Adriatic Sea between Dalmatia and the Istrian peninsula, joined to Italy.

An idea of the reduced size and importance of the new Austria as compared with the old may be gauged from the fact that in 1914, at the outbreak of the World War, the population of Austria was estimated as 30,000,000, whereas the most recent estimates of the population of the present Austria are in the neighborhood of 6,000,000.

Government.—The German-Austrian Government was proclaimed on November 12, 1918, one day after the armistice between Germany and the Entente Allies was signed in the World War. A national assembly was elected, which was the source of laws until elections for a Constitutional Convention were held in February, 1919. The elections for the latter showed that the Social Democrats (Socialists) and Christian Socialists were overwhelmingly in the majority, and a

coalition Cabinet was formed of all the radical and liberal parties, but with the Socialists in the majority. Even during the many months in which the Peace Conference of the World War was meeting in Paris, Austria continued to follow in the lines of moderate Socialism as distinguished from Bolshevism. The chancellor, or prime minister of the new Government was Doctor Karl Renner, Social Democrat.

By the terms of the Peace Treaty between the Entente Allies and Germany, union of Austria with Germany was forbidden.

The majority of the people are Roman Catholics.

Because of the unsettled conditions prevailing in Austria as a result of the delay in determining the terms of the treaty of peace with the Entente Allies, and particularly because of the economic prostration of the country due to blockade and the appalling misery and distress therefrom resulting, further figures concerning Austria will not be of value for some years after the ratification of the final terms of peace of the World War.

The capital of the new Austria, as of the old, is Vienna, the population of which at the end of the World War was estimated at 2,000,000, or about one-third of the entire population of the country. There are no other large cities.

Austria (see also Austria-Hungary):
Chargé d'affaires of, to United States, withdrawal of, referred to, 2690.
Commercial relations with, 1114,2004.
Confederate envoys sent to Great Britain and France referred to. (See Mason and Slidell.)
Consul of United States to Vienna, referred to, 2583.
Consular convention with, 4023.
Fugitive criminals, convention with, for surrender of, 2911.
Importation of American products to, legislation against, discussed, 4916.
Imprisonment of American citizens by, 2689, 2742.
Minister of United States to be sent to, 1592.
Relations opened with, 1706.
Treaty with, transmitted and discussed, 975, 1008, 1026, 1097, 1105, 1157, 2434, 2911.
Correspondence regarding, referred to, 2564.
Referred to, 1070, 1114.
Troops of, departing to Mexico, referred to, 3588, 3589.
Vessels of, discriminating duties on, suspended by proclamation, 1003, 1004.
War with Hungary, sympathy of American Government with latter, 2550, 2579.
Wines from, duties on. (See Wines.)

Austria-Hungary.—Until the end of the World War in 1918 and its defeat therein, one of the greatest nations of the world for many centuries. It was the largest nation in Europe, outside of Russia, and had been the dominant nation on the Continent of Europe as late as a considerable stretch of the nineteenth century. It was bounded on the north by Germany and Russian Poland; on the east by Russia (Ukraine) and Roumania; on the south by Roumania, Servia and Montenegro, and on the west by the Adriatic Sea and Italy, Switzerland and Germany. Its last census gave its area as 261,000 square miles and its population as 52,000,000.

Nationalities.—The two states of Austria and Hungary were largely autonomous within the Empire. The ascendant race in Austria was German and that in Hungary was Magyar; but there were included also within the boundaries of Austria and Hungary a number of suppressed nationalities, so that Austria-Hungary in reality was a nation with boundaries that extended beyond the principle of nationality. Indeed, it represented an artificial rather than a natural political division of Europe, one that could be held together only by the constant employment of force against all its nationalities except the German and Magyar, and one that, even so, was being constantly threatened by civil war, if not by dissolution.

The leading minor nationalities included within Austro-Hungarian rule were located as follows:

Czechs and *Slovaks*, some 8,500,000 strong in 1914, in the north of Austria-Hungary, including Bohemia, and in 1919 organized into the new nation of Czecho-Slovakia.

Poles, living in the northeast of Austria-Hungary, just east of the Slovaks, and representing a section of the Polish nationality. About 5,000,000 in number in 1914, they were included within the boundaries of the new nation of Poland in 1919.

Ukrainians or *Ruthenians*, in the extreme northeast of Austria-Hungary, that is, in the eastern tip of Galicia, and representing in 1914 a section of the Ukrainian or Little Russian nationality some 4,000,000 strong. Their final disposition after the close of the World War was in doubt, pending the solution of the problem of the organization of an independent Ukraine.

Roumanians, living in the eastern section of Austria-Hungary, especially in Transylvania and Bukowina, and about 3,500,000 strong in 1914. They were naturally joined with their fellows in Roumania to form a Greater Roumania after the close of the War.

Jugo (*South*) *Slavs*, or *Serbs*, *Croats* and *Slovenes*. These were of the same race as the inhabitants of Servia and Montenegro, and, about 5,000,000 strong, joined their brothers in the two latter countries after the collapse of Austria-Hungary, to form the new nation of Jugo-Slavia.

Italians, about 800,000 in number, along the northeast shore of the Adriatic Sea and in the Trentino, to the northwest of the head of the Adriatic. They were joined to Italy in 1919.

The two remaining races, the *Germans* and *Magyars*, became the sources of the new nations of Austria and Hungary, respectively. However, the terms of the settlements of the Great War left some Magyars under Roumanian rule, some Germans and South Slavs under Italian rule, and some Germans under Czecho-Slovakian rule.

History.—The Austro-Hungarian monarchy had its nucleus around the Archduchy

of Austria, which comprised a large territory around Vienna and was conquered by the Romans at about the time of Christ. Several centuries later this Roman province succumbed to the successive surges of barbarian invasions from the east, and it was not until some centuries later that it fell under the Holy Roman Empire. Accretions were added to it from time to time, and after the accession of the Hapsburg dynasty in the thirteenth century, Austria began to conquer neighboring lands with such success as to become one of the leading nations of Europe by the time of the break-up of the mediaeval period and the new Europe springing from the Renaissance, the Reformation and the extension of trade and industry. From that time to the middle of the nineteenth century, she was one of the greatest Powers, and often the most important Power, in Europe.

The Magyars swept into Hungary, driving out the previous barbarian inhabitants, as late as the ninth century A. D. They were unlike any other European stock, seeming to be of Mongolian origin and with the Finns as their nearest kin. Toward the end of the tenth century, Christianity obtained a foothold, and there arose the beginning of a stable civilization. In the fifteenth century, the Hapsburg family obtained possession of the throne, but in the next century, Hungarian independence was blotted out by a Turkish invasion, Austria holding on to the western section of the country. By the end of the seventeenth century, however, the Turks were driven out, and after several decades an understanding between the ruler of Austria and his Hungarian subjects was reached in the Pragmatic Sanction (1723). With the nineteenth century, Hungarian nationalistic consciousness became acute and in 1849 a formidable revolution for independence was put down only with the greatest difficulty and only after Russia had lent assistance for that purpose.

The prestige and power of Austria received a mortal blow in 1866, when she was overwhelmingly defeated by Germany. In the next year, Austria and Hungary came to an understanding whereby Austria-Hungary was constituted a dual monarchy, but from 1866 to 1918 the nation was dominated by Germany.

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Automobile Trade.—Early experimenters in motor vehicles were hampered by the lack of engines which used a fuel less heavy and bulky than coal. Light vehicle motors were made possible by the successful production of liquid or volatile fuels and the internal combustion engine. The motive power in these gas or gasoline engines is furnished by a succession of explosions which take place within the cylinder itself, thereby doing away with the cumbersome boiler and furnace.

In 1886 two Germans, Gottlieb Daimler and Carl Benz, working independently, first applied the gas engine successfully to road vehicles. Daimler, who was manager of the Otto Gas Engine Works, at Deutz, Prussia, fitted his small air-cooled motor to a bicycle by placing it vertically between the front and rear wheels, the rear wheel being driven by means of a belt. In 1889 he constructed a two-cylinder engine, which attracted the attention of Messrs. Panhard and Levassor, of Paris, who acquired the necessary rights and immediately began the construction of the essentially modern motor car, the first of which was brought out in 1891.

Carl Benz first applied his single horizontal cylinder, water-jacketed engine to a three-wheel carriage. It was placed over the rear axle and drove a vertical crankshaft, thus giving the flywheel a horizontal

position. This arrangement insured stability in the steering of the car. The crank-shaft was connected by bevel gearing to a short horizontal shaft, which was in turn coupled to a counter-shaft by a belt. The ends of this countershaft were connected to the road wheels by chains.

The early attempts by American inventors to build horseless carriages were confined to steam motors. An omnibus built in 1878 by a Mr. Fawcett, of Pittsburg, employed a Brayton motor of unknown design. During the eighties a Mr. Copeland brought out a bicycle equipped with a steam motor, followed by two tricycles similarly equipped, which were the predecessors of the light steam vehicles.

The distinction of early experiments in this line is also claimed by R. E. Olds, of Michigan, who in 1886 began the construction of a horseless carriage. This vehicle, completed in 1887, was first fitted with a steam engine geared to the rear axle. The boiler was of the porcupine type and gasoline was the fuel. Later this machine was remodeled, using a flash boiler, that is, the steam was generated only as required by the engines. In 1893 Mr. Olds began building gasoline motors for horseless carriages, which, since their perfection in 1895, have proved practical and successful.

Charles and J. F. Duryea completed their first automobile in 1892. Their second car, completed in 1893, embodied all the essential features of the modern automobile. The Duryea Motor Wagon Company was organized, and the thirteen automobiles, finished in the summer of 1896, were the first manufactured for sale in the United States. The price of these vehicles, $1,500, was considered too high for an untried substitute for the horse and carriage, and prevented the immediate acceptance of the gasoline automobile in America. A large majority of plants reporting for the industry to the census of 1900, commenced operations in 1899, the date of the substantial beginning of the automobile business in America.

Automobile Engine—There are three types of automobiles—the steam, the electric, and the gasoline. Of these, the steam is used the least, and the electric is used chiefly in cities and thickly-populated sections, because of the necessity of having a charging station handy where the batteries can be re-charged—although the increase in the number of charging stations has served to increase the number of electrics. The gasoline engine, on the other hand, finds gasoline obtainable almost everywhere, and has less weight in proportion to horsepower than the other forms.

Fuel—Many attempts have been made and are still being made to use other forms of fuel in the automobile, but up to the present time without marked success. In particular, ether, kerosene, alcohol, and naphthalene have been tried. The objections to kerosene are the difficulty of inducing vaporization and the clogging of the machinery by the residue. The chief objection to alcohol is its costliness.

Gasoline Engine—The principle of the gasoline engine used in automobiles is that of internal combustion. A quantity of gasoline is sprayed into an air-current in the carburcter, the resultant combination of air and gasoline being then compressed in the engine-chamber. At one end of the cylinder is located the spark plug, which ignites the mixture by an electric spark and causes it to explode. The expansion of the explosion drives out the piston, and power is generated.

Horsepower—The horsepower of the engine is found by multiplying the diameter of the cylinders by itself, multiplying this product by the number of cylinders, and dividing by 2½.

Mechanics of the four-cycle engine—The cycle in the gasoline engine must be started by moving the piston. Until the last several years, this was accomplished by turning a crank by hand, but now an electric starting apparatus is in general use. This is operated by a storage battery, which is re-charged by the engine after the latter gets into motion; and is usually utilized also to provide the current for ignition, lighting, etc.

The down-stroke of the piston sucks in the mixture of air and gasoline through the inlet valve, and the up-stroke automatically closes this valve, and thus compresses the mixture. Ignition then occurs through the medium of the spark plug, the force of which sends down the piston on its second down stroke. Just before the completion of this stroke, the exhaust valve opens and releases the burnt gases, any of which may remain being driven out by the second up-stroke of the piston, which completes the cycle.

The *carburetor* has separate openings for the admission of gasoline and air. The air is forced in by the suction stroke of the engine, the amount being controlled by a valve. The gasoline is forced in by the force of gravity or pressure, another valve regulating its quantity. The mixture is let into the cylinder by the inlet manifold.

The *vacuum feed system* is now in general use, whereby the main gasoline tank may be removed far from the engine, the gasoline being pumped from it into a smaller feed tank near the engine, from which it is forced into the carbureter.

Ignition may occur through either the make-and-break or the jump-spark system, although the latter is now almost universal. A high tension current, arising from storage batteries and a spark coil, causes an electric spark to jump between two electrodes in the spark plug, which are about 1/64 inch apart. The current may come also from a magneto.

The *muffler* is a drum of sheet steel used to deaden the noise which would otherwise occur when the exhaust gases are emitted. The exhaust gases are passed through it, and are reduced gradually to atmospheric pressure by being passed through chambers of increasing size.

A *cooling system* is imperative, as the rapid explosions would otherwise make the engine red-hot. The water-cooling system is the more common. In this system, the cylinders are constructed of two walls, and are cooled by having water flow in the space between. The water itself, naturally, is thereby heated, and is in turn cooled by the radiator (see below). Under the air cooling system, a fan blows air over the cylinder, which is covered with short rods to facilitate the conduction of heat into the air.

The *radiators* may function by either the water-tube or the air-tube process. In the former, the water is cooled by passing through thin metal pipes, over which a constant current of air passes. In the latter, the tubes are inserted into the water. When the automobile is in rapid motion, a

breeze comes naturally through the radiator. When the automobile is driven slowly, the current of air is obtained by the revolution of a fan, which is driven from the engine-shaft.

Lubrication is necessary to keep the various parts of the engine well-oiled. The splash system has a pool of oil at the bottom of the crank case, into which the crank-pin splashes at each revolution of the engine—the oil being driven to all parts which need it. The direct system of lubrication pumps the oil directly to each part needing lubrication. A combination of the two systems is common.

Transmission connection between the shaft and the driving machinery is effected by means of a friction clutch The clutch is mounted close to the fly-wheel. A variety of speed ratios may be obtained, and the transmission includes also gearing for backward driving, as the engine cannot be driven backwards. Differential gearing is a device to carry power from the drive shaft to both halves of the axle at all times.

Tires on automobiles follow the pneumatic tube principle of the bicycle tire, although trucks are equipped with solid rubber tires. An outer tube takes the wear and tear, the air being contained in an inner tube. Detachable rims, held to the wheels by bolts, may be easily removed and applied with the tire already in place upon them.

Service brakes are usually operated by foot; emergency brakes by hand.

Trucks may be operated, according to the latest figures, at a cost of about ten cents per ton mile. In cities, where charging is readily available, electric trucks are coming into general use.

The following table shows recent figures on the number of automobiles registered in the several states, the percentage of automobiles to the population and the number of automobiles per mile of public rural road. Motor trucks and commercial vehicles, estimated at 11% of the total, are included in the figures:

State	Automobiles	Per Cent Population	Per Mile Rural Road
California	583,623	20	9.5
Iowa	437,378	20	4.2
South Dakota	120,395	20	1.2
Kansas	294,159	17	2.6
Nebraska	219,000	17	2.7
Colorado	129,255	14	3.2
Minnesota[1]	324,166	14	3.5
Nevada	10,464	14	.9
North Dakota	90,840	14	1.3
Oregon	103,790	14	2.8
Idaho	50,861	12⅓	2.0
Washington	144,131[4]	12⅓	4.1
Wyoming	23,926	12½	1.6
Indiana	333,067	11	4.5
Michigan	412,717	11	5.6
Montana	60,650	11	1.5
Ohio	538,090[3]	11	7.2
Wisconsin	277,093	11	3.8
Arizona	34,601	10	2.9
Oklahoma	212,880	10	2.0
Illinois	568,924	9	5.9
Missouri	297,008	9	3.1
Texas	427,693	9	3.3
Utah	42,616	9	4.8
Vermont	31,625	9	2.2
Connecticut	119,134	8½	8.5
Delaware	18,300	8½	5.0
Maine	62,907	8½	2.7
Rhode Island	50,477	8½	23.3
Dist. Columbia	34,161[2]	8	...
Florida	73,914	8	4.1
New Hampshire	34,680[2]	8	2.5
Maryland	102,841[2]	7	6.2
Massachusetts	274,498	7	14.7
New Jersey	227,737	7	15.3
New York	676,205	6¾	8.3
Pennsylvania	570,264	6¾	6.2
New Mexico	22,100	6¼	.6
North Carolina	140,860	5½	2.7
South Carolina	93,843	5½	2.2
West Virginia	80,664	5½	2.5
Georgia	146,000	5	1.8
Virginia	115,470	5	2.1
Kentucky	112,683	4¾	1.9
Tennessee	101,852	4½	2.2
Louisiana	73,000	4	3.0
Mississippi	68,486	4	3.5
Arkansas	59,082	3½	1.2
Alabama	74,637	3¼	1.3
Total and Average for U. S.	9,231,941[5]	9%	3.8

[1]Registrations cover a three-year period. [2]Does not include non-resident registrations. [3]Does not include 2,683 state, city and county cars. [4]Does not include 1,287 exempt cars. [5]Includes 852,362 motor trucks and commercial vehicles in the 36 states which register them separately.

The number of motorcycle registrations was 239,102. The total revenue for the year from registrations and licenses was $102,546,212, or slightly more than $11 per motor car registration.

The increase in the use of the automobile may be seen by comparing the above total of motor car registrations, 9,231,941, with 2,445,664 registrations in 1915, 4,983,340 in 1917 and 7,565,446 in 1919.

The National Automobile Chamber of Commerce gives the following statistics for the automobile production of the United States in a recent year:

Motor vehicles produced	2,205,197
Passenger cars	1,883,158
Open	1,563,022
Closed	320,136
Trucks	322,039
Value total car and truck output	$2,232,927,678
Value output parts and accessories	$725,136,942
Value tire replacement output	$636,750,000
Wholesale value cars produced	$1,809,170,963
Wholesale value trucks produced	$423,756,715
Capital invested in business	$1,204,378,642
Number of employees	325,000
Annual wages and salaries	$482,950,000
Capital in passenger car business	$798,785,000
Number of factories	129
Value repair parts business	$205,039,000
Capital in truck business	$405,593,600
Number of factories	222
Value of parts produced	$81,192,000
Gasoline consumed, gallons	4,256,428,005
Tires produced	32,400,000
Retail passenger car dealers	33,893
Garages	35,887
Repair shops	45,135
Charging stations	4,204
Truck dealers	21,948

Of the total of 2,205,197 automobiles produced, Ford make cars were 1,027,677, or 46 per cent of the total output.

Estimates of the combined motor vehicle and parts and accessories businesses put the total capital invested at $2,126,717,377, with a total annual value of products at $2,958,064,620, with 703,560 persons engaged and $1,041,566,775 as the annual wages and salaries.

The reports of the United States Bureau of Foreign and Domestic Commerce show that the exports of automobiles and parts from the United States for the last calendar year were as follows:

	Number	*Value*
Commercial automobiles	29,126	$ 46,765,781
Passenger automobiles	142,508	165,255,921
Parts, except engines and tires		86,196,173
Automobile gasoline engines	30,581	5,031,856
Tires, casings		43,899,502
Inner tubes		4,813,052
Solid tires		3,331,789

The exports of commercial automobiles are well distributed, but go chiefly to the United Kingdom, followed by Canada, British East Indies and Cuba. The exports of passenger automobiles go chiefly to the United Kingdom, followed by British India and then by Australia and Canada.

The number of automobiles imported in the same year was 926, valued at $1,026,518. The value of the automobile parts imported was $1,252,250.

The total automobile registration of the world has been estimated at 10,922,278. Of this number, 420,000 are in the British Isles, 403,111 in Canada, 202,500 in France, 78,000 in Australia, 75,000 in Germany, 35,550 in Italy, 31,800 in Cuba, 30,000 in British South Africa, 30,000 in European Russia, 30,000 in New Zealand, 28,000 in Argentina, 26,500 in Switzerland, 25,550 in India, 20,000 in The Netherlands and 18,000 in Mexico.

Automobile as factor in modern life discussed, 8941.

Auttose Towns, Destruction of.—The news of the massacre of whites at Fort Mims having spread into Georgia, Brig. Gen. John Floyd, at the head of 950 State militia and 400 friendly Indians, started on an expedition of chastisement. Between midnight and dawn of November 29, 1813, the attack was made on two Auttose villages. The Indians fought fiercely, but were overwhelmed, driven to the woods and caves, and shot. Floyd lost eleven killed and fifty-four wounded.

Aux Canards (Canada), Battle of.—The first encounter between British and Americans in the War of 1812. General William Hull, governor of the Northwest Territory, placed in command of forces in Ohio and ordered to begin the invasion of Canada, crossed the river on July 12, 1812, and dispatched Colonel Lewis Cass with 280 men toward Malden. Crossing the Rivière aux Canards, a tributary of the Detroit, he drove the outposts in and took two prisoners, from whom he learned that some of the enemy had been killed and nine or ten wounded. Cass did not lose a man.

Averysboro (N. C.), Battle of.—March 16, 1865, Gen. Slocum, in the advance of the Union Army, encountered the Confederates under Gen. Hardee near Averysboro, in the narrow, swampy neck between Cape Fear and South rivers. Hardee hoped to hold Sherman in check until Johnston could concentrate his army at some point in his rear. Incessant rains had made the ground so soft that men and horses sank deep in the mud. A severe fight took place amid showers of rain and gusts of wind. The whole line advanced late in the afternoon and the Confederates retreated to Smithfield, leaving 108 dead upon the field. The Federal loss was seventy-seven killed and 477 wounded.

Aves Islands:

Claims regarding, paid, 3445.

Convention with Venezuela regarding, 3111, 3194.

Reference to, 3199.

Aviation. (See Aeronautics, also Army, *Signal Corps,* Navy, *Flying Corps,* and for application to military uses see World War.)

Aviation Training Fields.—The United States maintained during the World War the following camps for the training or supplying of aviators in the United States Army:

Call Field, Wichita Falls, Texas; Chandler Field, Essington, Pa.; Chanute Field, Rantoul, Ill.; Ellington Field, Houston, Texas; Gerstner Field, Lake Charles, La.; Hazelhurst Field, Mineola, L. I., N. Y.; Kelly Field, San Antonio, Texas; Langley Field, Old Point Comfort, Va.; Love Field, Dallas, Texas; Park Field, Memphis, Tenn.; Post Field, Fort Sill, Okla.; Rich Field, Waco, Texas; Rockwell Field, San Diego, Cal.; Scott Field, Belleville, Ill.; Selfridge Field, Mount Clemens, Mich.; Taliaferro Camp, Fort Worth, Texas; Wilbur Wright Field, Dayton, Ohio.

Azerbaijan.—This fragment of former Imperial Russia is located in the Caucasus Mountains, along the southwest shores of the Caspian Sea. It consists mainly of the former Russian provinces of Baku and Yelisavetpol, and has an area of approximately 40,000 square miles. It lies east of Georgia and Armenia and north of Persia. The population is about 4,500,000, chiefly Mussulmans, but also with many Armenians. The capital is Baku, in the centre of the great petroleum industry which gives the country its industrial importance. Its independence was recognized by Soviet Russia and the Peace Conference of Paris. In April, 1920, it set up a Bolshevist Government, which became closely allied with the Bolshevist Government of Russia.

Azerbaijan, independence of, not recognized, 8864.

Aztec Club of 1847.—This society, originally composed of officers of the United States Army who served in the war with Mexico, was formed in the City of Mexico in 1847, and has been continued, "with a view to cherish the memories and keep alive the traditions that cluster about the names of those officers who took part in the Mexican War." Membership is confined to officers of the army, navy, and marine corps who served in the war, or their male blood relatives. Each primary member may nominate as his successor his son or a male blood relative, who during the life of the primary member is known as associate-member, and on the death of the former is entitled, as his representative, to full membership. There were 226 members in 1909.

Aztecas or Aztecs. (See Indian Tribes.)

Back-Stair Policy.—A term used in derision against several of the Presidents for the purpose of insinuating that their policy was dictated by secret friends, who were figuratively admitted by way of the back stairs.

Bacon's Rebellion.—An insurrection in 1676 of the people of Virginia, led by Nathaniel Bacon. In 1673 the Crown assigned the entire Province of Virginia for thirty-one years to Lords Arlington and Culpeper, with power to collect for their own use all quit rents, escheats, and duties; to name sheriffs and other officers; to make new counties, and in general to exercise the authority of absolute rulers. Sir William Berkeley, the English governor of the Colony, was very unpopular on account of his opposition to free education and a free press. He seemed to think that the function of a governor was to get as much as possible from the colonists for himself and his masters at the least possible cost. He also proved inefficient in protecting the settlers against the ravages of the Indians. He laid heavy taxes upon the people and restricted the franchise. An Indian uprising having occurred in the state, a force of 500 men gathered to march against them. Berkeley ordered them to disband. The colonists chose Bacon, who was a popular lawyer, as their leader, and despite the refusal of the governor to commission him, he led his men against and defeated the Indians. Berkeley thereupon proclaimed Bacon a rebel, notwithstanding which the people chose him a member of the new assembly. On his way to Jamestown he was arrested and tried by the governor and his council, but was released on parole and left the capital. He soon returned with 600 men and again demanded a commission, which was granted. While Bacon was successfully engaged in another campaign against the Indians, Berkeley again proclaimed him a rebel and a traitor. Bacon then burned Jamestown, the governor taking refuge on an English vessel in the harbor. The rebellion was carried on in a desultory way until the death of Bacon in 1677, when it collapsed for want of a leader. The English executed twenty-three of the participants in this rebellion. It is notable as the first formidable resistance to colonial authority in British America. The significance of its occurrence just 100 years before independence has often been remarked. One of Bacon's lieutenants put to death for his part in the rebellion was William Drummond, who had served for a few years as the first governor of North Carolina.

Baden.—A German grand duchy, of southern Germany and a state of the German Republic. Until 1771, it was a disunited section of the Holy Roman Empire, but in that year it was united, in 1806 its ruler took the title of Grand-Duke, in 1815 it entered the German Confederation, in 1818 it received a Constitution, in 1871 it became a member of the German Empire organized in that year, and in 1918, with the German Revolution, it was proclaimed a Republic and a component free state of Germany.

Baden is bounded by Hesse and Bavaria on the north, Bavaria on the northeast, Württemberg on the east, Switzerland (separated mainly by Lake Constance and the Rhine) on the south, and Alsace and the Rhine Palatinate (separated by the Rhine) on the west. Its capital is Carlsruhe. It produces grain, wine, tobacco, hemp, potatoes, hops and chicory, manufactures silk goods, chemicals, clocks, machinery, woodenware, brushes, paper, etc.

In January, 1919, the Constitution of Baden was formulated by a Constitutent Assembly, elected for that purpose by equal, direct and universal suffrage. By its terms, all the privileges of caste and birth which had obtained prior to 1919 were abolished. Women have the same political rights as men. There is no state church, but religious education in the schools is compulsory. The Cabinet consists of six members, headed by the premier, who in April, 1919, was Anton Geiss.

The most recent figures give the area of Baden as 5,819 square miles and the population as 2,230,000. It is divided into the four districts of Mannheim, Freiburg, Carlsruhe and Konstanz. The largest towns are Mannheim (205,000), Carlsruhe (135,000), Freiburg (85,000), Pforzheim (75,000), and Heidelberg (55,000).

In 1910, the population of Baden included some 1,270,000 Catholics and 830,000 Protestants. (See also Germany.)

Baden, fugitive criminals, convention with, for surrender of, 2898.

Baden, Treaties with.—The extradition treaty of 1857 and the naturalization convention of 1868 were not affected by the formation of the German Empire in 1871. The extradition treaty of 1857 was proclaimed on May 19 of that year. The extraditable crimes are: Murder, assault with intent to kill, piracy, arson, robbery, forgery, making or circulating counterfeit money, and embezzlement of public monies. Evidence of guilt sufficient to convict within the country of asylum must be supplied. The expense must be borne by the country asking surrender. The treaty does not apply to political offenders, nor is either nation bound to deliver up its own citizens. Commission of a new crime within the country of asylum causes the offender to be tried and, if guilty, to be punished there before surrender. The treaty remained in force until Jan. 1, 1860, and thereafter from year to year, subject to one year's notice of intention to terminate.

The treaty of 1868 is a naturalization treaty designed to regulate the recognition of naturalized citizens by their native country, and was proclaimed Jan. 10, 1870. Each country agrees to recognize as citizens those of its former subjects who have legally conformed to the naturalization laws of the other country. No immunity from punishment for crimes committed before emigration, saving the limitation established by the laws of the original country. Especially does this refer to the liability of a former citizen of Baden for non-fulfillment of military duty. But he shall not be subject to punishment for this offence unless he shall have emigrated while drafted or in actual military service. Provision is made whereby a former citizen may, if he desire, easily resume his citizenship. This treaty was made to run ten years and thereafter from year to year, subject to twelve months' notice of intention to terminate. A protocol was signed in Munich on May 26, 1868, in further explanation of the several causes. (See German Empire.)

Badger State.—A nickname for Wisconsin (q. v.). (See also States.)

Bahama Banks, negotiations with Great Britain regarding cession of keys on, to United States, 913.

Bahama Islands, formerly Lucayos.—A chain of islands stretching from near the

north coast of Haiti to the east coast of Florida. They are separated from Florida by the Gulf Stream and from Cuba by the Old Bahama channel. There are some 3,000 of these islands but only about 30 of any size. The principal ones, beginning at the northwest, are Great Bahama, The Abacos, Eleuthera, New Providence, Andros, Guanahani or Cat Island or San Salvador, Watling Island, Exuma, Long Island, Crooked Islands, Mariguana, Inagua, Little Inagua, Caicos, and Turks Island. The climate of these islands is very mild and salubrious, even in winter. The soil is thin, but produces cotton, maize, pineapples, oranges, etc.

History.—The Bahamas were Columbus's earliest discovery, but there is some doubt as to which of the islands he called San Salvador. The islands were occupied by the English in 1629 and finally secured to them by the treaty of 1783. Area, about 4,400 square miles. The population, which is chiefly negro, was 56,000 in 1911; in 1918, it was estimated at 60,000.

The annual revenue is in the neighborhood of $350,000 and the expenditure, $450,000. The most recent annual figures give the value of the imports as $2,350,000 and of the exports as $1,900,000. The chief imports were cotton and woolen goods and flour; the chief exports were sponge and sisal. Sponge and sisal are the backbone of the islands' industry, although there is also some culture of fruit, especially pineapple.

The bulk of the shipping to and from the Bahamas is United States. Although British silver and bronze coin is the legal tender, United States money is usually accepted.

During the Civil War in United States blockade runners made their headquarters in the Bahamas, especially in New Providence. The islands have some reputation as a winter resort, the thermometer, from November to May, varies from 60° to 75°, and during the remainder of the year from 75° to 85°.

Government.—The capital is Nassau, New Providence. A Governor, an executive council, and a legislative council of nine members each and a representative assembly of twenty-nine members constitute the government.

Bahama Islands, postal convention with, 5377.

Bail.—A legal term representing money, or other valuable security, risked to guarantee the appearance of a person released from the custody of the law.

Bakers licensed, 8382, 8443.

Baking Business.—The baking industry, according to the last federal census, stands thirteenth in the list of American industries in point of value of products. Bread is regularly shipped by a large number of bakeries throughout the country a distance of a hundred and fifty miles, and in a few instances it is shipped a thousand miles. This last is exceptional, however, and only peculiar conditions make it possible. Length of shipments depends entirely on the local bread market and on the express rates. The margin of profit on bread generally is small. Shipments of bread will not stand an exorbitant express rate, and when sent long distances always goes to a market where the demand for a superior article to that baked locally is equal to a somewhat increased price. The capitalization of the baking industry is given in the last federal census (1909) at $212,910,000. The largest producers of bread in the United States operate a number of plants in one or more cities. The Ward Baking Company and the General Baking Company of New York and other cities, the Shults Bread Company of New York City, the City Baking Company of Baltimore, Md., the Schulze Baking Company of Chicago, the American Bakery Company of St. Louis, and the Consumers' Bread Company of Kansas City are among the largest in the country.

The baking industry is growing by leaps and bounds and very likely by this time stands twelfth or even higher in the list of American industries. At the time of the last census report it ranked fourth in value of the product in a list of industries with annual products valued at over a hundred million. The per cent of increase for ten years covered in the report was 126.3 per cent in value of products, exceeded in the same period only by such products as women's clothing, automobiles, electrical machinery, fertilizers, wire, beet sugar, manufactured ice, photographic apparatus, etc.

The history of biscuit baking in the United States is a record of the development of a small and obscure business to an industry of national importance. The word biscuit, derived through French from the Latin, means twice baked, and had its origin in the fact that the military bread of the Romans was twice prepared in the oven. In Europe all small cakes made of flour, with sweetening and flavoring added, are called biscuits. In the United States the word "cracker" was used to describe the early productions of crisp unsweetened dough, and later extended to include those with both sweetening and flavor. When these American crackers were sent to Europe they were included under the general name of biscuits, and the term is coming into a wider use in America.

The first cracker bakery recorded in the United States was that of Theodore Pearson, of Newburyport, Mass., who as early as 1792 made a large round crisp wheat loaf, or cracker, which, unlike ordinary bread would keep for a long time. For this reason it was favored among the supplies of sailing vessels.

Joshua Bent built an oven in Milton, Mass., in 1801, and began the manufacture of his water crackers, which later achieved a national reputation, and Artemas Kennedy followed at Menotomy (now Arlington), Mass., in 1805. In Boston the Austins carried on the business successfully for many years. Other noted New England firms were Thurston, Hall & Co., of Cambridgeport; J. S. Carr, of Springfield; C. D. Boss of New London, Conn., and Parks & Savage, of Hartford. The earliest New York cracker baker was Ephraim Treadwell, who began business in 1825, and the Brinckerhoffs started in 1850. The Larrabee Company, of Albany, established in 1860, made an enviable reputation. Some of the other bakers engaged in interstate trade in the early history of the industry, and who contributed to its national importance were J. R. Vanderveer, of New York; Wilson & Medlar, of Philadelphia; Skillman, of Baltimore; Haste & Harris, of Detroit; The Margaret Bakery, of New Orleans; The Dake Bakery, of Chicago; S. S. Marvin, of Pittsburg; and Dozier & Weyl, of St. Louis. These and many others joined in the race for recognition throughout the country, sending their representatives from Maine to Oregon, and from the lakes to the gulf, besides exporting to South America, Africa and Australia.

Until about 1840 machinery in the biscuit business was almost unknown. A ma-

chine was then invented which rolled the dough into a thin sheet, which, passing along on an endless belt or apron, was cut into the required shape by a stamp rising and falling automatically. In this way about a dozen crackers were cut at a time and it became possible to bake five or six barrels of flour a day—an important increase over the preceding average rate of one barrel.

In 1849 the discovery of gold in California and the consequent demand for crackers as a suitable article of pioneer food proved a marked stimulus to the biscuit trade. Plants were enlarged and steam power was introduced to work the machines. The civil war gave a second great impetus to the industry and the old-time flat-tile ovens being taxed beyond their capacity to meet the increased demand for hard bread for army and navy rations, a mechanical reel oven, consisting of a series of long iron pans revolving in a framework, similar in action to a Ferris wheel, the whole enclosed in a large brick oven chamber, was invented, and this again revolutionized the biscuit baking business. With this device the capacity of a single oven leaped from the average rate of six barrels to twenty-five or thirty barrels of flour per day. The size of these reel ovens has been increased until now all the large plants have a daily capacity of from forty to fifty barrels per day per oven.

The biscuit baking business has not escaped the national tendency toward concentration. Four holding companies now control nearly all the larger plants in the country. The first of these, the New York Biscuit Company, includes the leading houses in New England and New York, with an immense factory in New York City, baking a thousand barrels of flour a day. The American Biscuit Company runs one large factory in New York, and the United States Biscuit Company controls the principal factories in Ohio, Indiana and Pennsylvania. The National owns bakeries in Denver, Colo.; Cedar Rapids and Des Moines, Iowa; Rock Island, Ill., and New Orleans, La.

Statistics of the baking business as a whole, including bread, crackers, pies, cakes, pastry, pretzels, etc., collected for 1914 show 25,963 establishments in the United States, employing 124,052 wage-earners, and producing goods to the value of $491,893,000 for the year. The cost of materials used in these bakeries was given as $274,257,000, and the amount distributed in wages as $96,634,000. Besides these 183 factories reported biscuits and crackers as subsidiary products. All these figures show substantial increases over the census of 1909.

Balance of Power.—The term used to describe the organization of the various great nations of the world into alliances so that one group will equalize the other group, hence preventing a strong nation from preying upon a weaker. Practically all peace terms after modern wars have been so drawn up as to provide for a balance of power. Thus, before the outbreak of the European War, Russia was allied with Servia to protect the latter country against the stronger forces of Austria, while England was allied with France, along with Russia thus forming the Triple Entente (q. v.), against Germany and her associates in the Triple Alliance (q. v.). It was thought that the organization of the great countries of Europe into these two alliances would preserve the balance of power between them.

Balance of Trade.—The difference in value between the exports and imports of a country is called its balance of trade.

Balance of Trade before and after World War, discussed, 8811, 8812. (See also Commerce; Imports; Exports; Import Duties; Tariff; Trade.)

Balkan States.—A general term referring to those states or parts of states in the Balkan peninsula in the southeastern part of Europe, including the country south of the Save and Danube rivers. Before the World War, it comprised the countries of Roumania, Bulgaria, Servia, Montenegro, Greece, Albania, with parts of Austria-Hungary and Turkey impinging so closely upon the Balkan peninsula that for practical purposes Austria-Hungary and Turkey might be considered as also having territory in the Balkans. As a result of the World War, Servia and Montenegro joined with the South (Jugo) Slavs in the old empire of Austria-Hungary to form the new country of Jugo-Slavia, and Turkey was driven back to borders which removed her, at least for the time being, from the Balkan problem.

Well has the Balkan peninsula been termed the "cock-pit of Europe." Consciousness of nationality came later in the Balkans than in most of the other parts of Europe. Turkey had maintained her hold upon a large part of the Balkans long enough to render the Balkan states weak when they finally achieved independence. The system of the Balance of Power in Europe, with the great Powers arranged in two hostile camps and with vast economic gains to be derived from territorial extension, therefore made the Balkans the prey for the great Powers in their competition for mastery.

The political rivalries of the Balkan states, supported by the great Powers, were framed in a raging conflict of nationalities, for in most cases the territorial boundaries in the Balkan peninsula did not correspond with the boundaries of nationality. Many Roumanians lived under Austro-Hungarian rule, and some under Russian and Bulgarian rule. There were many Bulgars under Grecian rule in Macedonia. A large section of the Serbian race lived under the Austro-Hungarian flag. Greece claimed that the southern section of Albania was predominantly Grecian in nationality, whereas the bulk of the population of Albania was Mohammedan, as were the Turks on the opposite side of the peninsula. And it seemed that almost inevitably the ascendant nationality treated the nationalities subject to it with every possible refinement of repression. And when to these factors were added those of differences and antagonisms of religion, commercial rivalries, and fundamental differences in degree of civilization and culture, the intricacy of the Balkan problem may be realized.

(The distribution of nationalities as outlined in the preceding paragraph was that directly preceding the outbreak of the World War and following the Balkan Wars of 1912-1913. However, from 1878 the date of the Congress of Berlin, to the Balkan Wars, Turkey held the broad strip through the center of the Balkan peninsula between the Black and the Adriatic Seas, and between Servia and Bulgaria on the north and Greece and the Aegean Sea on the south. With the Turk thus entrenched, the various Balkan states might subordinate their own rivalries to their hatred of the Turk, but with the defeat of Turkey and her expulsion from

most of the Balkans in 1912-1913, the inner rivalries in the Balkan peninsula broke out afresh.)

In the years immediately preceding the outbreak of the World War in 1914, the relation of the great Powers of Europe to the Balkan problem might be summarized as follows: Russia was bent on obtaining Constantinople and possibly another warm-water port by expanding southward through the Balkans to the Mediterranean Sea. Bulgaria was the most powerful and the most highly civilized state in the Balkans, and therefore was opposed by Russia, as it was to Russia's interests to keep the Balkans as weak and as divided as possible and to prevent any one of them from assuming leadership.

Austria-Hungary was similarly bent on expanding through the Balkans, eastward, spurred on by Germany, who was anxious to connect her ally, Austria-Hungary, with her ally, Turkey, in the realization of her grandiose project of Mittel-Europa, or Central Europe,—a project which would have resulted, if successful, in a solid belt of German-controlled territory from the North Sea to the Persian Gulf. Austria-Hungary had annexed in 1908 the old Turkish provinces of Bosnia and Herzegovina, inhabited chiefly by Serbs, with the result of bringing Servia and Austria-Hungary into particularly dangerous enmity. And as the Serbs were Slavs like the Russians and as Germany had assumed for strategic purposes the protection of Turkey, Austria-Hungary and Germany supported Bulgaria against Russia and Russia supported Servia against Bulgaria and her allies.

Roumania and Greece were largely uncertain, their alliances being determined chiefly by their own interests, although both of them inclined toward the camp dominated by Russia because of their opposition to Turkey, who was supported by Austria-Hungary and Germany.

Great Britain was the ally of Russia, and therefore supported her so far as possible in the Balkans. Great Britain, moreover, was especially anxious to demolish the German scheme of Mittel-Europa, which threatened to challenge Britain's commercial supremacy and to approach India and Egypt. And since France and Russia were old allies, France joined Great Britain in opposing Austria-Hungary and Germany in the Balkans.

Italy was bent on expanding along the Adriatic at the expense of Austria-Hungary, but was opposed to the Serbian hope of shutting off such an Italian development by a greater Servia reaching to the Adriatic. At the same time, Italy was desirous of acquiring Turkish territory in Africa, so that Italy also would vary her support from time to time in accordance with her own interests.

These considerations determined the alignment of the Balkan states in the World War. For further details, consult the articles under the headings of the countries involved.

Balkan States:

Food to be furnished, 8685.

German domination must end in, 8401.

Internal autonomy to be granted to, 8401, 8425.

Problem of, to be settled by historical lines of allegiance and nationality, and by international guarantees, 8425.

Balkan Wars, 1912-1913.— In September, 1911, Italy determined to wait no longer to accomplish her hope of annexing Tripoli from Turkey, and to that end declared war. Even though Turkey was able to put up a stauncher resistance than had been anticipated, the moment was opportune for the Balkan states to drive Turkey from the Balkan peninsula. Accordingly, largely through the statesmanship of Venizelos, the Greek premier, and possibly also through the machinations of Italy, anxious to bring her war against Turkey to a successful conclusion, all of the Balkan states, except Roumania, united in a declaration of war against Turkey in October, 1912.

It seemed to most observers at the time that the Balkan Alliance had a hard nut to crack, for Turkey soon patched up peace with Italy and the Turkish army had been trained by the German General Staff. Moreover, with all Europe a tinderbox waiting for just such a spark as the Balkan War to set the entire civilized world into the explosion of war, it was feared that the great Powers would soon become involved. But Sir Edward Grey, the British Foreign Secretary, called together a conference of all the great Powers which met at London through the Balkan Wars, with the result of localizing the conflict in the Balkans.

The Balkan Alliance, anticipating a long campaign, laid its plans very carefully. Greece, the only member of the Alliance with a strong navy, was to prevent the dispatch from Constantinople of troops by sea to the aid of the Turks in the Balkans. The Bulgars made for Constantinople through Thrace. Greece sent her army northward into southern Macedonia, at the same time that Servia sent her army southward into northern Macedonia. Albania also was invaded by a Serbian-Montenegrin army.

This combination of forces was successful in bringing Turkey to her knees in an incredibly short time. The most devastating of the defeats sustained by Turkey were in Thrace, where the Bulgarian forces won the greatest victories of the war at Kirk Kilisse (October 24), and at Lule Burgas (October 29), and began a march toward Constantinople which was not halted until the very outskirts of the Turkish capital were reached. The strong Turkish fortress in Thrace, Adrianople, at the same time was surrounded. Meanwhile, the Greeks were carrying all before them in southern Macedonia and on November 9 captured Saloniki. On November 18, the Serbs captured Monastir; and on December 3, 1912, Turkey signed an armistice.

However, a new Turkish Government came into power a few days later, with the result that the armistice was broken and fighting was resumed on February 3, 1913. Adrianople was then captured on March 26, and Constantinople was again attacked. The great Powers were also exerting their efforts in the direction of peace, none of them desiring to see Constantinople lost by Turkey to the Balkan states; and on April 20, 1913, the First Balkan War officially ended with the signing of the Treaty of London.

The Second Balkan War.—The Balkan allies had formulated their peace terms when they had combined to declare war against Turkey. Servia was to expand to the Adriatic through Albania, and Montenegro was to acquire land between her and the old Servia. Bulgaria was to get much of Macedonia, where a large section of the Bulgar race lived and Greece was also to gain in

Macedonia. Thrace was to be divided between Greece and Bulgaria.

But such an arrangement went counter to the plans of the great Powers. If Servia reached the Adriatic, she would block both Austro-Hungarian and Italian hopes of expanding in that direction. She could put a spoke in the wheel of Pan-Germanism; and similarly, it was not to Russia's interests to see Servia too strong or the Balkans too closely knit into a working Federation. Accordingly, the great Powers vetoed the Serbian plan of reaching the sea, and instead constituted Albania an independent state, under a German prince, William of Wied. Thus balked in her hope of gain in Albania, Servia demanded recompense in another quarter, asking for certain section of Macedonia which had been assigned to Bulgaria, although they had been captured and were still being occupied by a Serbian army. But in these sections the Bulgar race was in the majority and Bulgaria refused to cede them. The dispute became acrimonious. Russia supported Servia and Austria-Hungary spurred Bulgaria on.

Bulgaria suddenly declared war, on June 29, 1913, and the Second Balkan War, fought for a division of the spoils of the First Balkan War, was in process. Greece joined Servia, and aided her in throwing back the Bulgarian armies. At this time, Roumania, who had remained aloof in the First Balkan War and was chafing under the thought of not profiting from the defeat of Turkey, saw her opportunity and almost without warning launched a drive from a new quarter directly at the Bulgarian capital. Turkey then saw the chance to profit by the dissention among her former enemies and opened an attack against the Bulgarian armies in Thrace.

Against such a coalition, Bulgaria was helpless, sued for peace on July 30, and signed on August 10, 1913, the treaty which closed the Second Balkan War, the Treaty of Bucharest. By the terms of the treaty, Bulgaria was robbed of most of the fruits of victory which had been destined for her as a result of the First Balkan War. Greece expanded far northward through Macedonia and Thrace. Turkey received back some of her lost territory. Servia and Montenegro expanded far southward. Roumania received the Dobruja. And Bulgaria was left with only a strip of land in Thrace and another strip along the Black Sea, as her share of the gains of the First Balkan War.

Ballinger, R. A., Controversy Concerning. (See Pinchot-Ballinger Controversy.)

Ballot.—Literally a little ball. The term is applied to all methods of secret voting, because formerly all such votes were taken by black and white balls placed in the same box, or balls of only one color were deposited in different boxes so arranged that none but the voter could see which box received his ball. The Greeks used marked shells (*ostrakon*), whence the term ostracism. The Romans used tickets for secret voting as early as 139 B. C. The first use of the ballot in the United States was in the selection of a pastor by the Salem Church, July 20, 1629. During the same year it was used in ecclesiastical and municipal elections in the Netherlands, but in England the custom was not established until 1872, though secret voting was actually employed in the parliament of Scotland in cases of ostracism two centuries earlier. In 1634 it began to be used in elections for governor of Massachusetts. The constitutions of Pennsylvania, New Jersey, and North Carolina, which were adopted in 1776, made voting by ballot obligatory. Some of the southern states were slow to adopt the ballot system of voting, the *viva voce* method having prevailed in Kentucky local and state elections up to a late date. In Alabama, Florida, Indiana, Kansas, Kentucky, Louisiana, Nevada, North Carolina, Pennsylvania, Tennessee, Texas, and possibly other states, the constitutions require the legislatures to vote *viva voce*. In 1875 Congress passed a law requiring all Congressmen to be elected by ballot.

Australian Ballot.—Bills embodying the Australian ballot system were introduced in the legislatures of Michigan and New York in 1887, but failed of passage until 1889, when the system was adopted in a slightly modified form. In 1888, the system was adopted at Louisville, Ky., and in Massachusetts. This method requires the names of all the candidates for all the offices to be placed on one ticket. The voter retires to a private booth and indicates his choice by making a mark opposite a party emblem or a candidate's name. This system of voting was first proposed by Francis S. Dutton, a member of the legislature of South Australia, in 1851. Its use in the United States was first advocated in 1882 by Henry George in a pamphlet entitled "English Elections." The Australian ballot has been adopted in some form in all the states except North Carolina. South Carolina, Georgia and Nevada. Delaware adopted it, but later returned to the old system. A modification of the ballot, used in some localities, is the so-called voting machine in which the voter indicates his choice by pressing knobs which record his vote upon slips of paper and record also the number of votes cast for each candidate.

Short Ballots.—The short ballot is an attempt to simplify elections by placing a few officers in nomination at one time and providing that only important officers be elective. Two short ballot amendments were submitted at the special election held in California, Oct. 10, 1911, and both were adopted.

Balls Bluff (Va.), Battle of.—In October, 1861, General McClellan directed Brigadier General Charles P. Stone to make a demonstration toward Leesburg, Va. Stone ordered Colonel Devens, of the Fifteenth Massachusetts, to cross the Potomac near Balls Bluff and attack and destroy any Confederate camps found, or to report and wait for re-enforcements. Devens, with about 300 of his own regiment and 100 of the Twentieth Massachusetts, advanced to Leesburg, but, encountering opposition, fell back to the place of crossing, and was attacked there by the Confederates on October 21. Colonel Baker, who was a United States Senator, arriving with a California regiment, and the Tammany regiment of New York, assumed command. The Union forces now numbered 1,900. At five o'clock P. M. Colonel Baker was killed, and the Federals, after a vain attempt to cut their way through to Edwards Ferry, were given orders to retreat to the river bank and to save themselves as best they could. Many of the retreating army were drowned while swimming the river. The number of Federals lost was 894. The Confederates lost 302. General Stone was arrested and kept in confinement from February 9 to August 16, 1862.

Baltic Provinces.—The three Russian governments of Courland, Livonia and Esthonia, bordering on the Baltic Sea. The area of the three is 35,614 square miles

and the population about 1,700,000. Livonia, which is the largest of the three, and Esthonia were ceded to Russia by Sweden in 1721. Courland came into the incorporation of Poland in the sixteenth century, was the scene of bitter strife between the Polish and Russian factions for the ensuing several hundred years, came definitely under Russian influence in 1737, and was formally annexed to Russia in 1795.

The population is mostly Letts and Esths, the former akin to the Lithuanian race and the latter to the Finnish. There are few Russians. The upper classes, comprising less than 7% of the population, are Teutonic, and there are strong commercial and other German affiliations. The provinces enjoyed practical autonomy under Russia until 1880, after which stringent attempts were made to Russianize them. The Baltic provinces were the scene of a violent revolutionary outbreak in 1905.

During 1917, after the Russian military collapse, the Baltic provinces were occupied by the German forces; and negotiations looking toward peace between the Central Powers and the Bolshevist (q. v.) government of Russia hinged largely upon the question of the evacuation of those provinces from official and unofficial German authority. When the hostilities of the World War had ended, the Baltic Provinces ran into armed dispute with the Bolsheviki, who continued in power in Russia, and who were attempting to control the Baltic peoples; and at the same time detachments from the army of the old German Empire occupied sections of the Baltic Provinces and did not withdraw until the fall of 1919. Before the end of 1919, the Bolsheviki were practically in a state of peace with the Baltic Provinces.

The final territorial limits of the Baltic Provinces waited upon the final settlements of the peace treaties of the World War. The most recent status, however, was that of the incorporation of Courland and Livonia into one country, Latvia, which was endeavoring to unite with Esthonia and probably with Lithuania into a Baltic Federation.

Baltic Sea.—A European inland sea washing the shores of Sweden, Germany, and Russia. It terminates in the Gulfs of Bothnia, Finland, and Riga.

Free transit into and from, discussed, 2867, 2944.

Sound dues on commerce to, imposition of, 2774.

Baltimore, The:

Mentioned, 6297.

Sailors of, assaulted at Valparaiso, and action of Government discussed, 5620, 5650, 5662.

Indemnity for, paid by Chile, 5747, 5750.

Baltimore, Md.:

British retreat from, referred to, 533.

Courts of United States in, provision for accommodation of, referred to, 2898.

Duties at port of, referred to, 80.

Insurrection in, on day of election, measures to prevent, 2975.

Memorial from merchants in, transmitted, 384.

Military police to be established in, 3313.

National convention at, for prevention of cruelties to animals, 4458.

National Prison Congress at, referred to, 4162.

Police commissioners of, arrested, referred to, 3234.

Post-office building for, referred to, 2898.

Bank Bill. (Same as Bank Note, q. v.)

Bank Bills less than $20 should be suppressed, 1385.

Bankers' co-operation in Liberty Loan praised, 8593.

Bank, International American:

Charter for, recommended by President Benj. Harrison, 5560.

Establishment of, recommended by International American Conference, 5505.

Discussed, 5560.

Bank, Manufactory.—A banking scheme which originated in Massachusetts in 1740. The idea was to secure the issues by mortgage on the real estate of each subscriber to the amount of his subscription. Though opposed by a strong party, it passed the House of Representatives. The bank failed after issuing notes to the extent of £50,000.

Bank Note.—A promise to pay made by a legally authorized bank and circulated as money.

Bank Notes. (See Banks and Banking and Finances discussed.)

Bank Notes. (See Coinage.)

Bank of Missouri, measures taken by Government to enforce payment of sums due from directors of, 941.

Bank of Pennsylvania:

Payment of bonds of, held by United States, referred to, 1726.

Suspension of, referred to, 1768.

Bank of the United States.—Feb. 25, 1791, Congress issued a charter authorizing the Bank of the United States to do business for twenty years. Its capital stock was $10,000,000, of which Congress subscribed $2,000,000, partly in coin and partly in government securities. It was made the fiscal agent of the government and the depository for the public moneys. It was also authorized to issue its notes, payable in specie, and was made in every way possible the agent of the United States Treasury, and a strong power in the financial affairs of the country. Its capital was divided into 25,000 shares of $400 each, payable one-fourth in specie and three-fourths in six per cent stock of the United States. It was allowed to hold property of all kinds up to the value of $15,000,000, inclusive of its capital stock, and further to establish branch banks in the various cities. In accordance with this last provision a branch was at once opened in New York City and called an office of discount and deposit. During its entire career the Bank of the United States averaged annual dividends of 8 per cent. (See illustration opposite 1369.)

Bank of United States:
Act to extend charter of, vetoed, 1139.
Referred to, 1225.
Act to incorporate, vetoed, 540.
Agent should be appointed to take charge of books of, 1382.
Attempts to impair credit of Government, 1232, 1250.
Bills of exchange discounted at, for benefit of Senators inquired into, 1346.
No report on subject of, 1347.
Bills of, should not be received for taxes, 1382.
Charter obtained by officers of, from Pennsylvania for new bank, 1471.
Charter of, not to be renewed, 1226, 1250.
Expiration of, discussed, 1025, 1897.
Chartered rights of, should be terminated, 1250.
Claims of, and course pursued by, 1329.
Constitutionality of law creating, questioned, 1025, 1092, 1225.
Dangers from, apprehended, 1091, 1224, 1249.
Deposits in, removal of, 1249.
President Jackson's paper to Cabinet on, 1224.
Refuses to transmit, to Senate, 1255.
Recommended, 1163, 1236.
Referred to, 1386.
Views of President Tyler on, 1897.
Directors of, nomination of, and reasons therefor, 1260.
Discussed by President—
Jackson, 1121, 1382, 1470.
Polk, 2504.
Tyler, 1897.
Distresses caused by, needlessly produced, 1328.
Reference to, 1383.
Flagrant misconduct of, commented on, 1229, 1249, 1330.
Government must be separated from, 1329.
Judicial power, attempts to usurp functions of, 1259.
Loan of, to United States, 121, 134.
Money in, not accounted for, 1259.
Notes of, cannot be reissued after expiration of charter, 1471.
Organization of, referred to, 564.
Panic, attempts to bring about, 1250.
Papers and funds in possession of, refusal to deliver, 1258.
Pension money retained by, 1328.
Political power of, fund employed by, to sustain, 1249.
President of, funds at disposal of for electioneering purposes, 1249.
Recharter of, a leading question in election of President, 1225, 1249.
Sound currency, failure of, to establish, 1025.
Stock in—
Government should be notified regarding, 1382.
Indian money, investment of, in, 249.
Should be sold, 1330.
Subscriptions to, 96.
Substitute for, must be adopted by Congress, 1228.
Successor of, cannot issue notes of, 1471, 1600.
With limited powers, recommended, 1092.

Bank of United States vs. Halstead.—An important Supreme Court case on appeal from the circuit court of Kentucky in 1825. Property, including real estate, was offered for sale for debt. The highest bid being less than three-fourths of its appraised value, the property was not sold. The Supreme Court held that it had jurisdiction in a case to which the Bank of the United States was a party, and that a law which forbade the sale of land under execution for less than three-fourths of its appraised value did not apply to writs of execution issued by Federal courts.

Bank of United States vs. Planters' Bank of Georgia.—A suit brought by the Bank of the United States for payment of a promissory note which had been indorsed to it by the Planters' Bank of Georgia. The State of Georgia had stock in this bank. The action was brought against the Planters' Bank and also against the State. The Supreme Court in 1824 decided that if a State became a party to a banking or a commercial enterprise the State could be sued in the course of business, on the principle that when a government becomes a partner in any trading company it divests itself, so far as concerns the transactions of that company, of its sovereign character and takes that of a private citizen. The State, said the court through Chief Justice Marshall, is not a party—that is, an entire party—in the cause. It was also held that the circuit court had jurisdiction in such matters.

Banking, extension of, to foreign countries recommended, 7674.

Banking System. (See Banks and Banking.)

Bankrupt.—A person who, being insolvent, is by legal process relieved from paying indebtedness. (See Bankruptcy.)

Bankruptcy.—The Constitution gives Congress the power to establish uniform bankruptcy laws throughout the United States. Bankruptcy is a state of inability to pay all debts. It is also the process by which an individual may secure a discharge of his indebtedness by surrendering his property and complying with the law. April 4, 1800, a bankruptcy act was passed by Congress and was repealed in December, 1803. In May, 1837, a commercial crisis occurred in the United States, causing failures to the amount of $100,000,000. On account of the heavy losses incurred during the financial panic which ensued, another act was passed Aug. 19, 1841, and repealed in 1843. Another financial panic occurred in 1857, and most of the banks suspended specie

payments. A third (the Lowell) act was passed March 2, 1867, and repealed in 1878 (4204). The present law was passed July 1, 1898, and amended June 25, 1910. During the years of our history when no national bankrupt law existed all matters relating to insolvencies have been under the control of State laws.

Bankruptcy Law.—Extracts from the United States Bankruptcy Act of July 1, 1898, as amended by Act of June 25, 1910:

Who may become bankrupts.—(a) Any person except a municipal railroad, insurance or banking corporation shall be entitled to the benefits of this act as a voluntary bankrupt. The bankruptcy of a corporation shall not release its officers, directors, or stockholders, as such, from any liability under the laws of a state or territory or of the United States. (b) Any natural person, except a wage-earner or a person engaged chiefly in farming or the tillage of the soil, any unincorporated company and any moneyed business, or commercial corporation, except a municipal railroad, insurance or banking corporation, owing debts to the amount of one thousand dollars or over, may be adjudged an involuntary bankrupt upon default or an impartial trial and shall be subject to the provisions and entitled to the benefits of this act.

Duties of Bankrupts.—(a) The bankrupt shall (1) attend the first meeting of his creditors, if directed by the court or a judge thereof to do so, and the hearing upon his application for a discharge, if filed; (2) comply with all lawful orders of the court; (3) examine the correctness of all proofs of claims filed against his estate; (4) execute and deliver such papers as shall be ordered by the court; (5) execute to his trustee transfers of all his property in foreign countries; (6) immediately inform his trustee of any attempt by his creditors or other persons to evade the provisions of this act, coming to his knowledge; (7) in case of any person having to his knowledge proved a false claim against his estate, disclose that fact immediately to his trustee; (8) prepare, make oath to, and file in court within ten days, unless further time is granted, after the adjudication if an involuntary bankrupt, and with the petition if a voluntary bankrupt, a schedule of his property, showing the amount and kind of property, the location thereof, its money value in detail, and a list of his creditors, showing their residences, if known (if unknown that fact to be stated), the amount due each of them, the consideration thereof, the security held by them, if any, and a claim for such exemptions as he may be entitled to, all in triplicate, one copy of each for the clerk, one for the referee, and one for the trustee; and (9) when present at the first meeting of his creditors, and at such other times as the court shall order, submit to an examination concerning the conducting of his business, the cause of his bankruptcy, his dealings with his creditors and other persons, the amount, kind, and whereabouts of his property, and, in addition, all matters which may affect the administration and settlement of his estate; but no testimony given by him shall be offered in evidence against him in any criminal proceedings.

Provided, however, that he shall not be required to attend a meeting of his creditors or at or for an examination at a place more than one hundred and fifty miles distant from his home or principal place of business or to examine claims except when presented to him, unless ordered by the court, or a judge thereof, for cause shown, and the bankrupt shall be paid his actual expenses from the estate when examined or required to attend at any place other than the city, town, or village of his residence.

By act of Congress approved March 2, 1917, section 17 of the Bankruptcy Law of 1898 was amended so as to add to debts not affected by a discharge those "for breach of promise of marriage accompanied by seduction."

Bankruptcy, Laws of:
- Modifications regarding involuntary bankruptcy recommended, 4204.
- Passage of, recommended, 1907, 2972, 3052, 4730, 4840, 5478, 5561.
- Memorial favoring, presented, 1907.
- Power to make, vested in Congress, 869, 2972.
- Uniform system of, act to establish, referred to, 683.

Banks and Banking:
- Banking act an example of Federal supervision, 7080.
- Banking and currency reform urged, 7908.
- Banking system—
  - Amendment of, discussed by President Taft, 7373, 7793.
  - Amendment to, needed as safeguard against panics, 6654.
  - Business as affected by, 7881.
  - Control of, must be public, 7881.
  - Defects in, discussed, 7080.
  - Discussed by President—
    - Lincoln, 3331, 3350, 3449.
    - Madison, 550.
    - Polk, 2257.
    - Van Buren, 1541, 1707, 1757.
    - Wilson, 7869, 7879, 7908, 8026, 8151.
  - Elasticity secured in, 8151.
  - Reforms in, recommended, 1380.
- Discussed by President—
  - Buchanan, 2968.
  - Grant, 4241.
  - Van Buren, 1541, 1707, 1757.
  - Wilson. (See above.)
- Federal Reserve Act, effect of, 8026.
- Foreign branch banks, establishment of, urged, 7503, 7674, 7790.
- Laws, must not permit concentration of funds for speculative purposes, 7881.
- South America, central bank proposed in, 7416.
- Special commission to make suggestions concerning, recommended, 6654.
- Specie payments discussed. (See Specie Payments.)
- State banks urged to join Federal Reserve system, 8374.
- Strength of, vital factor in war against Germany, 8374.

Banks.—A bank is an institution for receiving and lending money. The banking institutes of the United States may be classed as National and State banks, private banks or bankers, savings banks, and loan

and trust companies. In 1781 the Congress of the Confederation chartered the Bank of North America with a capital of $400,000, with a view to providing through its notes a circulating medium for the country. Doubts as to the power of Congress caused the bank to be rechartered by Pennsylvania in 1782. By 1791 two more banks had been established, one in New York, the other in Boston. In that year Congress established the Bank of the United States. The charter authorized an existence of 20 years and a capital of $10,000,000, one-fifth to be supplied by the United States. In 1811 Congress refused to renew the charter. During the trying times of the War of 1812 only State banks existed, and these largely increased in number. In 1816 the second United States Bank was chartered to run 20 years with a capital of $35,000,000, of which the Federal Government subscribed one-fifth. The bank was to have custody of the public funds, and 5 of its 25 directors were to be appointed by the United States. Congress passed an act renewing the charter in 1832, but President Jackson vetoed it (1139). After a Presidential election in which his fight with the bank was made an issue President Jackson ordered the public funds to be removed from the Bank of the United States and placed in State banks (1224). In 1836 the bank's charter expired. In 1841 President Tyler vetoed two bills to revive it (1916, 1921). In 1846 the Independent Treasury system was established providing that all public funds of the United States should be received and paid out without the intervention of the bank. Between 1836 and 1863 only State banks existed. Feb. 25, 1863, the National bank act was passed. This act proving defective, it was superseded by the act of June 3, 1864, which forms the basis of the present system.

Bank clearings for recent years have been as follows:

1915	$187,818,187,692
1916	263,828,672,267
1917	306,926,913,482
1918	332,350,688,090
1919*	414,063,421,880

*The figures for the month of December are estimated.

Banks.—See Encyclopedic Index articles and page references under headings:

Bank, Manufactory.
Bank Notes.
Bank of Missouri.
Bank of Pennsylvania.
Bank of United States.
Bank of United States vs. Halstead.
Bank of United States vs. Planters' Bank of Georgia.
Banks, National.
Banks, Pet.
Banks, Postal Sav'gs.
Banks, Savings.
Banks, State.
Briscoe vs. Bank of Commonwealth of Kentucky.
Clearing House.
Currency Law.
Deposits, Public, Removal of.
Fiscal Bank of United States.
Free Banking System.
Funding.
National Bank Circulation.
National Bank Examiners.
National Banks.
Postal Savings Banks.
Safety Fund.
Specie Payments.
United States Notes.
United States Bank of Pennsylvania.

Banks, National. — Dissatisfaction and losses in connection with the State banking system in vogue in the first half of the nineteenth century led to the passage of laws by the Federal Government for the protection of holders of the circulating medium. The first National bank act of the new and comprehensive series was suggested to Congress by Secretary Chase in 1861 and passed in 1863. It was amended by a law passed June 3, 1864. These acts form the basis of the present law. It is patterned after the New York State banking law, which in 1849 required circulating notes of all banks of that state to be secured by a deposit of stocks and bonds, one-half in issues of that state. The circulating notes were redeemable at agencies within the state. This latter feature of the New York law was adapted from the Suffolk system in vogue in New England.

Under the National banking law, as amended by the act of March 14, 1900, any five persons with a combined capital of $25,000 may open a bank and receive circulating notes to the amount of the par value of their capital invested in United States bonds, but not to exceed the par value of the bonds. In cities of more than 3,000 and less than 6,000 inhabitants the capital required is $50,000, while a capital of $100,000 is required in cities having a population of over 6,000, and double this amount where the population exceeds 50,000. The ratio of circulating medium to capital remains the same in all places. The law also established the National Bank Bureau in the Treasury Department and created the office of Comptroller of the Currency. This act added some $350,000,000 to the currency of the country.

Since the beginning of the national banking system in 1863, charters for 10,869 national banks have been issued. Of this number 2,739 have gone into voluntary liquidation, and 542 have failed, leaving 7,588 national banks in operation on June 30, 1916. On May 1, 1916, these 7,588 national banks had 14,288,059 depositors.

For a description of the Federal Reserve Banks, see Reserve Banking System and Currency Laws.

The most recent statistics of national banks are as follows:

Number	7,688
Capital	$ 1,096,932,000
Surplus	816,801,000
Total Dividends	129,778,000
Net Earnings, Fiscal Year	213,332,000
Resources	18,943,605,000
Loans and Discounts	9,493,000,000
Total Deposits	13,885,000,000

(See also Currency.)

Banks, National:
- Circulation of. (See National Banks.)
- Discussed by President—
  - Arthur, 4720, 4766, 4832.
  - Cleveland, 4926, 5876, 5965, 5986, 6079, 6156.
  - Grant, 4199.
  - Johnson, 3563, 3770.
  - Lincoln, 3331, 3350, 3384, 3449.
  - McKinley, 6254, 6358.
  - Roosevelt, 6654.
  - Van Buren, 1541, 1707, 1757, 1828.
  - Wilson, 7980.
- Organization of, discussed, 4720, 4926, 5876, 5965, 6156.
- Reports of examiners of, 4655.
- Should engage attention of Congress, 551, 1025.
- Tax on capital and deposits of, repeal of, recommended, 4636, 4766.
- Treasury balance deposited in, 7980.

Banks, Pet.—When President Jackson ordered the public funds withdrawn from the United States Bank in 1833, it became

necessary for the Administration to find some other place of deposit for the Federal moneys. Certain State banks were chosen, and the allegation was made that the selection was determined not so much on the ground of fitness as on that of party fidelity, a principle also much in vogue in the granting of bank charters before the system of free banking came into use. The banks selected by Jackson as public depositors were in derision called "pet banks."

Banks, Postal Savings. (See also Postal Savings Banks.)

Recommended by President—
Arthur, 4639.
Grant, 4152, 4204.
Hayes, 4574.
Roosevelt, 7102, 7226.
Taft, 7373.

Banks, Savings.—The first savings bank in the United States was the Boston Provident Savings Institution, incorporated Dec. 13, 1816. The Philadelphia Savings Fund Society began business the same year, but was not incorporated until 1819. In 1818 banks for savings were incorporated in Baltimore, Md., and Salem, Mass., and in 1819 in New York, Hartford, Conn., and Newport and Providence, R. I. There were in 1905 some 1,237 savings banks in the United States in which 7,696,229 persons had deposited $3,261,263,119. These figures are the highest reached in the history of this country both with regard to the number and the amount of depositors and the amount of deposits. Statistics of the savings banks of the world, obtained by the Department of Commerce and Labor, show that the United States, with about 9½ per cent of the total population considered, has more than 29 per cent of the savings banks deposits. These institutions are for the encouragement of the practice of saving money among people of slender means and for the secure investment of savings, the profits thereof being paid as interest to the depositors.

There are two classes of savings banks in the United States—private and the postals savings banks (q. v.) of the Government. Of the private banks, mutual savings banks are most common in the East, whereas in the Middle West and the West, the stock savings banks are more common. Recent figures of the savings banks of the United States are as follows:

Mutual Savings Banks	625
Total Resources	$4,818,650,000
Loans and Discounts	2,314,743,000
Investments in bonds, etc.	2,173,821,000
Surplus Funds	315,631,000
Undivided Profits	58,792,000
Individual Deposits	4,422,000,000
Stock Savings Banks	1,194
Total Resources	$1,183,189,000
Loans and Discounts	787,948,000
Investments in bonds, etc.	209,757,000
Capital	68,984,000
Surplus & Undivided Profits	47,597,000
Individual Deposits	1,049,000,000
Total Savings Banks	1,819
Total Deposits	$5,471,579,949
Number of Depositors	11,379,553
Average Deposit Account	$481

In 1915, Iowa had 832 savings banks, the largest number in any one state, with 196 in Massachusetts and 190 in Michigan. Idaho and Nevada have only one bank each. New York and Massachusetts were the only states to have more than a million depositors in savings banks, the former having 3,199,307 and the latter 2,332,369. Nevada had the fewest, 1,954. New York had also the largest deposits, $1,774,221,482.67. Nevada, with her one savings bank, had the largest average deposits, $723.64. The average in Rhode Island was $556.62 and in New York, $554.56, these states ranking second and third respectively in this respect.

In connection with the above figures for the United States, some figures of the savings accounts in foreign countries are of interest. For the countries which were belligerents in the World War, the figures are of the latest date for which they were significant; for other countries, the figures are more recent.

Foreign Countries:	
Total Depositors	131,784,674
Total Deposits	$15,087,710,636
Average Deposit Account	$115

The greatest number of depositors was in Germany (1913), 23,871,657, with deposits of $4,685,982,000, an average deposit account of $196. In 1916, the United Kingdom had some 16,762,000 savings bank depositors, of whom almost 15,000,000 were represented by accounts in the postal savings banks. The total deposits were more than $1,000,000,000. Japan in 1916 had some 22,000,000 savings bank deposits in private and postal banks, but with an average deposit of only some $8.50. After the United Kingdom, the largest deposits were in *Austria*, $1,350,000,000, average $290; *France*, $1,000,000,000, average $75; *Italy*, $900,000,000, average $125; *Russia*, $2,000,000,000, average $171; *Australia*, $550,000,000, average $200.

The following table gives the average savings deposit account per inhabitant, for the latest date for which figures are significant:

New Zealand	$125	France	$15
Australia	111	Italy	12
Switzerland	86	Belgium	25
Denmark	77	Canada	4
Germany	70	Chile	6
United States	52	Holland	11
United Kingdom	18	Sweden	55

Banks, State.—A State bank is an institution chartered by a State legislature for banking purposes. Its functions are like those of a National Bank. After the expiration of the charter of the Bank of the United States in 1836, and the refusal of Congress to recharter it, State banks sprang up in large numbers throughout the Union. Each state passed its own law for their government or control. In many states these laws were not carefully drawn and the holders of their circulating notes not sufficiently protected against loss from suspensions and failures. Between 1836 and 1863 there were no United States banks or National banks, and only State banks existed. Being allowed to issue notes to circulate as currency, they availed themselves of the privilege, and in many instances the privilege was much abused. By act of Congress passed March 3, 1865, all circulating notes of banks other than National banks were taxed 10 per cent. The result of this law was to speedily cause the retirement of all such notes.

Recent statistics for state banks in the United States are as follows:

Number	16,596
Total Resources	$7,815,738,000
Loans	4,733,930,000
Bonds	1,258,287,000
Due from other banks	1,032,949,000
Individual Deposits	6,108,144,000
Capital Stock	640,000,000
Surplus Fund	322,747,000

See also Reserve Banking System. Of late years, there has been a marked accentuation in the incorporation of state banks within the Federal Reserve System.

In addition to the above, recent figures show 1,669 loan and trust companies. Their statistics were as follows:

Resources	$8,317,000,000
Loans and Discounts	4,404,000,000
Securities Investments	2,116,000,000
Capital	525,236,000
Surplus	543,046,000
Undivided Profits	103,919,000
Individual Deposits	5,970,906,000

Recent figures show also 1,091 private banks in the country, with resources of $236,566,000, capital of $518,804,000, and total deposits of $193,419,000.

Banks, State:

Deposits in should be regulated by law, 1331, 1385.

Discussed by President—
Buchanan, 2968.
Cleveland, 5986.
Jackson, 1469.
Tyler, 1899.
Van Buren, 1541, 1548, 1711, 1757.

Measures should be adopted to correct unlimited creation of, 1899.

Number of, 6157.

Paper to Cabinet concerning, 1224.
President Jackson refuses to transmit to Senate, 1255.

Practicability of, commented on, 1236, 1250, 1330, 1384.

Public deposits should be placed in, 1236.
Order regarding, 1249.

Reference to, 551.

Bannock Indians. (See Indian Tribes.)

Baptist Church in Mississippi Territory, act for relief of, vetoed, 475.

Bar Harbor, Me., acts for erection of public buildings at, vetoed, 5257, 5571.

Barbados. —A British island possession, forming one of the West Indies. It lies to the east of the Windward Islands, and is the most easterly of the Caribbean islands. Its area is about 166 square miles and the population, in the neighborhood of 200,000. The capital is Bridgetown, with a population of some 18,000.

About one-half of the area under cultivation is given over to sugar cane. Much cotton is also grown. More than 50,000 tons of sugar and 9,000,000 gallons of molasses are exported annually. The principal imports are coal, cottons and flour. The imports come chiefly from the United States, United Kingdom and Canada, in the order named; and the order of the value of the exports is Canada, United Kingdom, United States and Newfoundland. About half of the shipping clearing to and from Barbados is British; most of the remainder is United States.

Barbados Island (West Indies), postal convention with, 5277.

Barbara Frietchie. (See illustration opposite 3569 and description.)

Barbary States.—The region on the north coast of Africa bordering on the Mediterranean Sea. It is capable of high cultivation. In early times the soil was made to yield richly. Barbary was known in ancient times as Mauritania, Numidia, Africa Propria, and Cyrenaica. It now comprises the countries of Barca, Tripoli, Fezzan, Tunis, Algeria and Morocco. Besides Europeans, seven distinct races inhabit the Barbary States—Berbers, Moors, Bedouins, Jews, Turks, Kuluglis, and Negroes. The population is about 11,000,000 Mohammedans and a floating population of Jews and Christians not enumerated. The language of commerce is Arabic, except in Tunis and Tripoli, where the Turkish language and government dominate.

During the latter part of the Eighteenth Century most of the European States were compelled to pay tribute to the pirates of the Barbary States. Tribute was also levied upon the United States as the price of safety in the Mediterranean, and for a time was paid, but in the early part of the nineteenth century, after subjugating Tripoli and Algiers, the United States exacted terms of peace from the pirates. The action of America was followed by Germany, France, and other European powers, and the pirates were completely subjugated. (See also Africa, Algerian War, Tripolitan War, and the several States of northern Africa and illustration opposite 410.)

Barbary States (see also the several States; Algerine War; Tripolitan War.)

Consuls of United States in, referred to, 169.

Disbursements in intercourse with, 464.

Friendly disposition of, toward United States, 395, 460, 469, 649, 677.

Friendly intercourse with, 415, 503, 649.

Relations with which, through unreasonable demands of Tripoli, led to a declaration of war against the United States, 314.

Transactions with, 321, 324, 325.

Treaties with, 315.

Barbecue.—A picnic, usually of political character, where animals are roasted whole for the repast.

Barcelona, Spain, International exposition of Labor at, discussed, 5177, 5399.

Baring Brothers & Co., funds of United States on deposit with, 3828.

Barnburner and Hunker.—In 1845 the Democratic party in New York State, owing to internal squabbling, became divided into two pronounced factions. These were the administration Democrats, calling themselves Conservatives, and the sore-heads of those days, stigmatized as Radicals, because, among other things, they were affected with anti-slavery, or "free soil" (*which see*) sentiments; whereas, the administration party was strongly pro-slavery. In the Democratic State Convention held at Syracuse early in 1847 the latter faction, by political manipulation, secured the organization of that body, and decided nearly all the contested seats in their own favor, and made the State ticket and the State committee to suit themselves; in other words, "car-

ried off the hunk," and fairly won the name of "Hunkers." The other faction refused to support the ticket, and, as a consequence, the Whigs carried the State by over 30,000 majority in the gubernatorial election. One of the Hunker orators likened the other faction to the Dutch farmer who burned his barn to rid himself of rats, and thenceforward the name of Barnburners was fastened on them, and the two nicknames, Barnburner and Hunker, were bandied back and forth until after the former joined with the Liberty party (*which see*), in 1852, to support Mr. Van Buren as the Free-Soil candidate for the Presidency. Hunk is evidently a corruption of the Dutch *honk*, or *home*, and was used to signify that the administration faction had reached their goal, or home.

Barracks.—Lodging houses or tents for soldiers.

Barrage. — A French term meaning "barrier," and employed during the World War especially to describe the solid wall of fire of shells used by the belligerents for both offensive and most defensive purposes.

Barrataria, Island of, pardon granted lawless inhabitants of, who aided in defense of New Orleans, 543.

Baseball, History of. — Baseball is the national game of America. It has become popular also in Cuba, Hawaii and Japan, but up to the present most attempts to stimulate wide-spread European interest in it have not been attended with great success.

The tossing and catching of a ball, naturally, is of ancient origin, and there are records of such sport in Egyptian hieroglyphs dating some thousands of years before Christ. Baseball as such, however, is distinctively a nineteenth century product. Formerly, it was thought that the game owed its origin to the old English game of rounders, a view upheld by "The Father of Baseball" Chadwick. This theory, however, was sharply questioned by A. G. Spalding, one of the first men to take a wholesome interest in the game in this country, and the consequent dispute led to the formation in 1907 of a committee to investigate the question.

The report of that committee showed that even the origin of baseball was American, and was not concerned with the game of rounders. In the third decade of the nineteenth century, many of the New England towns were indulging in town ball, although the bases, or posts, were arranged in a square instead of in a diamond shape. In 1839, however, a gentleman named Doubleday showed a diagram of a baseball field in which a diamond had replaced the square, and the Washington Club of New York was playing on a diamond in 1843.

In 1845, the Knickerbocker Club of New York formulated rules pertaining to the game, and thus laid claim to becoming the first modern baseball team. Much interest was shown in a match played in Hoboken, New Jersey, on June 19, 1846, between this club and a rival team called the "New York Nine." It is of interest to learn that in this game the first team to score 21 runs (which were scored in four innings) was declared the winner, and that the batter was "out" if he hit a ball which was caught on the first bounce or was hit with the ball by an opponent while he was between bases. Another famous team of this period was the Washington Club, later the Gotham Club, which was formed in 1850. The vogue attending the game at this time is shown by the fact that in 1857 there met a convention attended by delegates representing 16 clubs. In 1858, there were 25 well-known teams playing in or around New York, a National Association of Baseball Players was organized and admission was charged for the first time. As yet the players were amateurs only.

The Civil War naturally proved a setback to the growth of the new game, but the setback was only temporary. In 1869, the Cincinnati Red Stockings, the first professional team, was organized, and in this and the next year it went on a tour of the country which attracted great interest and revealed the popularity of the game. On this tour it won 98 games before it was defeated, the number of runs scored often going above 100; and it has been estimated that in all it played before 200,000 persons on its trip.

In 1871, a league of ten clubs was organized, of which the following eight finished the season—Athletics, of Philadelphia; Bostons; White Stockings, of Chicago; Haymakers, of Troy; Mutuals, of New York; Forest Citys, of Cleveland; Forest Citys, of Rockford; and Nationals, of Washington. It is interesting to note that many of these names have continued to the present in designating the teams of the various cities.

At this time, however, the game became corrupted with gambling, bribery, drunkenness, and general rowdyism; so that the public became disgusted and interest in the game had practically died by 1875. As a result, a number of unselfish lovers of the game determined in this latter year to reorganize it, and formed the National League of Baseball Clubs, the origin of to-day's National League, and the constitution of which is the foundation of to-day's rules and regulations for the game. In the first league, the pennant was won by Chicago, the other cities represented being Boston, Cincinnati, Hartford, Louisville, St. Louis, Philadelphia and New York.

In the following decades, a number of rival major leagues were formed, but none of them was successful until the American League, formed in 1900, after a disastrous two years' struggle won a place by the side of the National League. In 1914-5, the Federal League also endeavored to win recognition as a major league, but unsuccessfully. At the present, there are 26 minor leagues of importance, representing 182 different cities. At the end of the baseball year, the winners in the American and National Leagues play a series of games to determine the World's Championship.

The first baseball intercollegiate match was played in 1859 between Amherst and Williams, the side first making 65 runs being declared the winner. Baseball among the colleges, however, has never aroused interest comparable with that of intercollegiate football.

Bastile Day, celebration of, 8542.

Bataan, Province of, Ph. I., mentioned, 6701.

Baton Rouge (La.), Battle of.—Early in May, 1862, after the fall of New Orleans, Admiral Farragut passed up the river and raised the American flag over the public buildings in Baton Rouge, the capital of Louisiana. Gen. Thomas Williams was placed in command of the place with a small garrison. Aug. 5, 1862, he was attacked by Gen. Breckenridge, who was to

have been assisted by the ironclad gunboat *Arkansas*. The *Arkansas* exploded her boilers and failed to reach the scene of action. The Confederates were repulsed. The Union loss was 200, including Gen. Williams, who was killed.

Battalion.—An organized part of an army; as a regiment, or two or more companies of a regiment.

Battery.—A number of cannon with wagons and other equipment, including the artillerymen; also the armament of a warship; also a protection for gunners defending a fort.

Battleship.—An armored ship equipped for war.

Battleship Cruise. (See Cruise of the Battleship Fleet.)

Battleships:
Construction of four urged, 7147.
Program for construction of, 8107.

Battle State.—Alternative nickname for Nevada.

Batture Cases.—Before the cession of Louisiana to the United States, a man named Gravier had purchased a plantation on the Mississippi River near New Orleans. Part of it afterwards became the village of St. Mary. An alluvial deposit or river beach formed in front of the village and was used as a landing place for the citizens of St. Mary. Under the law it was a part of the Gravier estate, which was purchased by Edward Livingston, of New York, who began improving it for his own use. The people protested on the ground of an old French law giving alluvions to the government. President Jefferson dispossessed Livingston of the Batture, and the latter immediately began suit against Jefferson and the United States marshal. The Supreme Court refused to entertain the suit against the President, but decided to restore the Batture to Livingston.

Bavaria.—One of the most important component states of Germany, forming the extreme southeastern corner of that country. For more than a century under a hereditary monarch, it was declared and organized as a Socialist Republic within Germany in November, 1918, as a result of the defeat of the Central Powers in the World War. The capital is Munich, with an estimated population of 650,000. The other towns with a population above 100,000 are Nuremburg (Nürnberg), 385,000, and Augsburg, 115,000. The country is divided into eight districts.

Government.—In the overthrow of the monarchy in November, 1918, the Socialists immediately achieved control. After a struggle between radical or Bolshevist Socialists and moderate or democratic Socialists, the latter gained the upper hand. The first premier was Kurt Eisner, who was succeeded after his assassination in February, 1919, by Herr Hoffmann, a moderate Socialist.

The provisional constitution was adopted in January, 1919. There is but one chamber in the Diet and the suffrage is equal, secret, proportional and open to both men and women. The supreme executive power is exercised by the ministry, selected by and responsible to the Diet. There is no state church. The last elections showed the majority Socialists (moderate Social Democrats) and the Bavarian People's Party in the ascendency.

Population.—The area is some 30,350 square miles of land and 257 square miles of water. The population in the census of 1910 was 6,887,291, of which 42 per cent lived in towns with a population above 2,000. Of Catholics, there were 4,862,233, with 1,942,388 Protestants and 55,065 Jews.

Education is compulsory between the ages of six and sixteen. In 1914, there were some 7,500 elementary schools, with 19,560 teachers and 1,100,000 pupils.

Industry.—About one-half of the total area was under production in 1917, and one-third under forests. The chief crops were rye, oats, potatoes and wheat. The last livestock census showed some 4,000,000 cattle, 1,200,000 pigs, 620,000 sheep, 470,000 goats and 275,000 horses, but since that time, these figures have been materially reduced. In 1913, there were produced some 1,890,000 metric tons of coal, 450,000 of iron ore, and 195,000 of pig iron.

Bavaria (see also Munich):
Convention with, 2218, 2760.
Fugitive criminals, convention with, for surrender of, 2760.
Immigration treaty with, 3834.
Naturalization treaty with, 3888.

Bavaria, Treaties with.—These include the treaty of 1845, treaty of 1853, and the treaty of 1868. They were not affected by the formation of the German Empire in 1871. The treaty of 1845 abolished the *droit d'aubaine* and taxes on emigration. In France the *droit d'aubaine* was the right of the king to the goods of an unnaturalized foreigner (*aubain*) dying within his kingdom. The king stood in place of the heirs. In France this right was abolished in 1819. This treaty declared that the *droit d'aubaine, droit de retraite,* and *droit de tractioner* tax or taxes on emigration be abolished. When any person holding real property dies, the person to whom it would descend, were he not disqualified by alienage under the laws of the land, shall be allowed two or more years, if necessary, in which to dispose of it, and may withdraw the proceeds from the country without paying detraction duties. Power of transfer by will, donation, or otherwise, is conferred upon alien residents equal to those enjoyed by citizens or subjects. When no heirs exist the property of the deceased is to receive the same care as that of a native or citizen. Disputes regarding possession are to be decided according to the laws, and by the courts in which the property is situated. For extradition terms of the treaty of 1854, see Extradition Treaties. The treaty of 1868 was a naturalization treaty. (See Germany.)

Bayard vs. Singleton.—This is one of the earliest instances of a court passing upon the constitutionality of an act of the legislature. Suit was brought before the court of appeals of North Carolina in 1787 for the recovery of certain property that had been confiscated and sold to the defendant under an act of the legislature passed during the Revolution which authorized the confiscation of the property of aliens. Counsel for defendant moved the dismissal of the case in accordance with an act of the legislature passed in 1785, which "required the courts, in all cases where the defendant makes affidavit that he holds the disputed property under a sale from a commissioner of forfeited estates, to dismiss the case on motion." Judge Ashe refused to dismiss the case, declaring the act of the legislature "unconstitutional and void." Judgment was,

however, found for the defendant on the ground that aliens cannot hold land, and if they purchase it the land is forfeited to the sovereign.

Bayonet.—A detachable sharp instrument for stabbing, for use on the muzzle of a gun.

Bayonne Decree.—April 17, 1808, Napoleon decreed that all American vessels which should enter the ports of France, Italy, and the Hanse Towns should be seized, "because no vessels of the United States can now navigate the seas without violating the law of said States." In his attempts to subdue England, Napoleon sought to destroy her commerce with all neutral powers, including the United States.

Bayou State.—A nickname for Mississippi (q. v.). (See also States.)

Bear, The, sent to relief of whaling fleet, 6350.

Bear Flag War.—An insurrection against the Mexican Government in June, 1846, supposed to have been instigated by John C. Frémont, then a captain of United States troops in California. A body of American settlers seized some Mexican horses and then captured the town of Sonoma. They raised a flag, having on it the figure of a bear. In July, the Mexican War having begun, the Stars and Stripes were raised at Monterey, and the Bear Flag War became a factor in the American conquest of California. A battalion called the Bear Flag battalion was active in expelling the Mexicans.

Bear State.—A nickname for Arkansas (q. v.). (See also States.)

Beaufort, N. C., blockade of, removed by proclamation, 3290.

Beaver Dam (Canada), Battle of.—After the retreat of the American army from the Niagara River they rendezvoused near the western end of Lake Ontario. Gen. Dearborn sent Lieut.-Col. Charles G. Boerstler with 540 men to capture Beaver Dam. A British lieutenant, on June 24, 1813, with forty or fifty men, but claiming to be the advance guard of 1,500 troops and 700 Indians, demanded of him to surrender. Boerstler surrendered 542 men, one 12-pounder and one 6-pounder cannon, and a stand of colors.

Beaver State.—Alternative nickname for Oregon. (See Web-Foot Country.)

Bedloes Island. (See Liberty Enlightening the World.)

Beef Packers:
Miscarriage of justice in case of, 7291.
Report on profits of, 6949.
Statement of case against, 7291.

Beef-packing, Government control over, 7038.

Beef Products. (See Animals and Animal Products; also Meat Packing and Slaughtering.)

Beer. (See Liquors—Malt, Vinous and Distilled.)

Beet Sugar.—Although the manufacture of sugar from cane antedates its production from beets by several centuries, the latter were put to practical use fourteen centuries before refined sugar was produced from the "sweetsticks" of the East. In the first century, Pliny the Elder wrote: "Next to grain and beans there is no more serviceable plant than the white beet, the root of which is used for human and animal food, the young sprouts as a vegetable, and the leaves as an accessory fodder. * * * Beets should not be grown continuously on the same soil, but a rotation should be observed."

Europe follows this advice religiously, though it has not been accepted generally by American farmers, which accounts for their inferior yields of both beets and cereal crops.

The first to suspect the presence of sugar in the beet was the famous French agronomist, Olivier de Serres, in 1600, but this discovery led to no immediate results. A century and a half later, in 1747, the distinguished German chemist, Andreas Marggraf, Professor of Physics in the Academy of Science of Berlin, succeeded in producing a few crystals of sugar from beet roots. The French claim that de Serres' writings conveyed the idea to Marggraf, while the Germans assert that the idea was original with their countryman.

Marggraf's pupil and successor, Franz Carl Achard, devoted his scientific career to applying Marggraf's discovery to industrial purposes. Through the liberal assistance of Frederic the Great, Achard carried on experiments near Berlin for a number of years, but on the death of his Sovereign he was compelled to abandon the work until Friederich Wilhelm III interested himself in it and made him a grant of 9,000 thalers ($25,000). In 1799, Achard was able to present his Sovereign with beet sugar loaves which in every respect were comparable to the best cane sugar. The King then loaned him 50,000 thalers, and in 1802, Achard erected at Cunern, Lower Silesia, the first beet sugar factory in the world. It was a primitive affair, with a capacity of but a few hundred pounds of beets per day, the beets being rasped and the juice pressed out, as with the cane. The beets contained but 3 to 4 per cent of sugar, and it cost sixteen cents per pound to produce.

Achard's enterprise attracted the attention of Napoleon Bonaparte, and he sent French scientists to Silesia to investigate the new industry. Upon their return two factories were established near Paris. These were unsuccessful, but the French made the discovery then which was destined to revolutionize methods of tillage, establish modern scientific agriculture, and, by doubling the acreage yield of cereals, add more to the wealth of the world and its ability to maintain population than has any other discovery before or since. At that time the cereal crop yields of the continent were but twelve bushels per acre, and starvation threatened the rapidly increasing population. In alternating beets with cereal crops the French scientists discovered that he yield of cereals was increased nearly twofold. When Napoleon became convinced of this fact he ordered during 1811 and 1812 thousands of acres to be planted in beets, and technical schools and factories to be built. As a result the industry was firmly established in France and the yield of cereal crops increased.

German and French scientists then began developing the sugar content of the beet plant, and most wonderful results have been obtained. By careful selection of seed and scientific tillage the sugar

in the beet has been increased from 7 per cent to 20 per cent. The beet of today weighs from two to three pounds, and from one-sixth to one-fifth of its entire weight is pure sugar. The factory beet contains more pure sugar than the total weight of the original beet, and the tonnage secured from a single acre is more than originally could be secured from a good sized farm.

In answer to the criticisms that beet sugar has less sweetening power than cane sugar the assertion is made that even a chemist, surrounded with all his scientific laboratory equipment, can not distinguish one from the other. Although derived from different species of plants, the refined product from the juice of the cane and beet is the same in composition, in sweetening power, in dietetic effect, in chemical reaction, in all other respects. Furthermore, if maple sugar were reboiled and passed through the process of refining, it would lose its aroma and flavor, which are wholly in the impurities, and the white crystals would be identical with those derived from sugar cane and sugar beets.

Pure sugar, whether derived from beet or cane, is as identical as is pure gold, whether mined in the Rocky Mountains or in the Transvaal.

The earliest attempt to produce sugar from beets in the United States was made in Philadelphia in 1830 by Vaughan and Ronaldson, but their efforts were unsuccessful. Eight years later David Lee Child erected a small factory at Northampton, Mass., and succeeded in producing a small quantity of sugar, for which he was awarded a silver medal by the Massachusetts Charitable Mechanic Association in 1839. Due to lack of technical knowledge in both field and factory, the Northampton plant operated but one season.

In 1852 Bishop Tyler, of the Mormon Church, purchased in France the machinery for a factory, shipped it to Fort Leavenworth, Kans., by water and by ox teams hauled it from there to Salt Lake City. This effort also was a failure.

During the next few years, attempts were made to produce beet sugar in the United States as follows: Illinois, 1863-71; Wisconsin, 1868-71; New Jersey, 1870-76; Maine, 1876; but all these efforts ended in failure, absorbed some two and a quarter million dollars, and ruined most of the men who attempted to establish the industry in America.

The first American to wrest success from failure was E. H. Dyer, who erected a small plant at Alvarado, Cal., in 1879. Although a failure for many years, much of which time the plant was idle, it finally became a success. Several times it has been rebuilt and re-equipped with machinery and while running today, it never will pay interest on more than a mere fraction of the amount actually invested in it.

In 1883 our federal treasury needed money and as our national legislators had become enthusiastic about the possibilities of producing our sugar supply at home, Congress enacted a tariff bill which carried a duty of 3½ cents a pound on refined sugar and 2¼ cents on raw. But no one knew what soil or climate were required for producing high grade beets nor how to grow them nor how to operate a factory, and the string of dismal failures which had reached from ocean to ocean made capitalists cautious. While the duty levied was more than generous, the acquirement and dissemination of field and factory technical knowledge was lost sight of and capital held aloof. When in 1890, our federal treasury was overflowing and sugar was placed on the free list, the bounty of two cents per pound which was placed on domestic production, failed to attract capital, as did the Wilson 40 per cent ad valorem bill of 1894.

When the Dingley bill of 1897 was passed and President McKinley made James Wilson Secretary of Agriculture, a new order of affairs was established. While the duty fixed on sugar imports was but 52 per cent of what it had been under the bill of 1883 and but six factories were in existence, the Department of Agriculture set to work to determine where favorable natural conditions existed, to learn and to teach the farmers cultural methods and to exploit the industry generally. It was deemed wise that a great industry, destined to supply a large portion of the $400,000,000 worth of sugar which we annually consume, should not be confined to a few States, where localized unpropitious weather conditions might seriously interfere with our supply of a staple food product. On the contrary, it was considered desirable that the factories should be scattered as much as possible, even though one State or one group of States could produce for a fraction less than could other States. To this end, the department issued a wall map, on which was traced the theoretical beet sugar area of the United States and from time to time as it was demonstrated that favorable conditions existed in other territory, that fact was made known.

Roughly speaking, this territory extends from ocean to ocean and from the Canadian boundary to and including portions of Virginia, West Virginia, Ohio, Indiana, Illinois, Missouri, Oklahoma, Texas and to the Mexican boundary. Sugar beets can be grown on a variety of soils, clay loams and sandy loams being preferred. Dr. Wiley and the Bureau of Chemistry and Dr. Galloway and the Bureau of Plant Industry were set to work; a field agent was placed on the road to investigate conditions throughout the country and experiments were conducted in various States.

Secretary Wilson knew that the necessary long haul freight charges ate up the profits of the far western farmers on low priced cereal products when shipped to the east. But with alfalfa and beet pulp with which to fatten stock, they obtain two crops—sugar and live stock—on which the freight charges are small in proportion to the value of the product. Sugar beets reach their greatest perfection when grown under irrigation, and our farmers, especially in the irrigated west, have found the crop to be one of the most profitable if also the most difficult which they can grow. Due to rotating them with sugar beets one year in four, thousands of farms are producing greater yields of all other crops than ever before.

The following table shows the growth in the production of beet sugar in the United States:

Year	*Pounds*	*Year*	*Pounds*
1880	2,700,000	1913	1,385,000,000
1890	5,000,000	1915	1,445,000,000
1895	45,000,000	1916	1,750,000,000
1900	165,000,000	1917	1,640,000,000
1905	485,000,000	1918	1,530,000,000
1910	1,025,000,000	1919	1,718,000,000

In the latter years, the beet sugar production has often been more than three times as great as the cane sugar production.

In 1905, the acreage given to the production of sugar beets was 307,000; in 1910, it was 398,000; in 1915, 611,000.

Of the 65 factories reported in 1914, 15 were located in Michigan, 13 in Colorado, 12 in California, 7 in Utah, 4 in Idaho, 3 in Wisconsin, 2 in Nebraska, 3 in Ohio, and 1 each in Kansas, Montana, Illinois, Indiana, Iowa, and Minnesota.

Beet Sugar, culture of, discussed, 4534, 5554, 6280, 6347, 6356, 6415, 6455, 6865.

Belantse-Etva Indians. (See Minnetaree Indians.)

Belden, S. A., & Co., claim of, against Mexico, 2687.
Distribution of award in case of, referred to, 4988.

Beleaguer.—To blockade or to surround by siege.

Belgian Atrocities, Bryce Report on. (See Bryce Report on Belgian Atrocities.)

Belgian Congo. (See Belgium.)

Belgian Relief.—When the German armies swept through Belgium and northern France in August, 1914, they created a situation for the non-combatant population of those districts which soon became desperate in the extreme. Belgium was a country with a density of population twenty times as great as that of the United States, with a population largely industrial, and producing itself less than 40 per cent of the food it consumed. The able-bodied men of the country had flocked to the armies opposing the Teutonic forces, and Belgium was helpless. Germany would not divert food from its own inhabitants to feed the inhabitants of the land which it had invaded; and it seemed as though 7,000,000 persons would slowly starve. For of the estimated population of 7,800,000 in Belgium in 1914, only 800,000 were refugees or were out of the occupied territory; and in addition there were 2,250,000 residents left in that portion of northern France occupied by the Germans, whose plight was similar to that of the Belgians, altogether representing more than 9,000,000 persons in a district of 19,455 miles.

It was America who came to the rescue. In October, 1914, Brand Whitlock, the Minister from the United States to Belgium, brought the situaton before Ambassador Page in London, and as a result the Commission for the Relief of Belgium was founded. Ambassador Page placed at the head of the Commission Herbert C. Hoover (q. v. in Biographical Index), an American mining engineer who had rendered efficient service in behalf of Americans stranded in London by the outbreak of the great European struggle; and under his direction Belgium and northern France were rescued.

From the beginning of the War to April, 1917, when the entrance of the United States compelled the withdrawal of the American relief administrators, the Commission expended in the neighborhood of $250,000,000. Even the official loans made by the governments of England and France to the Belgian Government were administered by the Commission. For Belgium $148,000,000 was loaned by the English Government, $16,000,000 came in private subscriptions from the British Empire, $11,000,000 was contributed in money and in merchandise by the United States, and $6,000,000 came from other sources. For northern France, French banks and institutions contributed $90,000,000. The United States Government in May, 1917, lent the sum of $75,000,000 to the Belgian Government for the relief of that country. This sum was payable in monthly instalments of $12,500,000, with the understanding that the loan would be renewed in case of necessity.

New York was the chief purchasing and shipping branch for the Commission, particularly as to pork and wheat shipments. Although probably three-fourths of the inhabitants of the destitute district were able to pay to some extent for the assistance they received, yet all their food, clothing, and other necessities had to be shipped into Belgium and France through the channels of the Commission. By November 1, 1916, there had arrived in Rotterdam for the Commission 2,164,218 tons of supplies. There were about 50 trained American administrators volunteering their services in Belgium and France for the Commission, and they were assisted by thousands of Belgians. The Commission appealed to the whole world for support, and was assisted by more than 4,000 committees all over the globe engaged in the solicitation of charity and the mobilization of food supplies. The relief work itself was carried on by committees in each of the 4,000 communes which were in the destitute district. With the withdrawal of the officials of the Commission in April, 1917, the administration of the relief went into the hands of the Dutch and Spanish. (See Belgium; France; European War.)

Belgium.—Belgium has a frontier of 831 miles, and is bounded on the north and northeast by the Netherlands (268 miles), on the south by France (381 miles), on the east by Rhenish Prussia (60 miles) and the Grand Duchy of Luxemburg (80 miles), with a low unbroken seaboard (North Sea) of 42 miles. The "polders" near the coast, which are protected by dikes against floods, cover an area of 193 square miles.

Physical Features.—The Meuse (Maas) and its tributary, the Sambre, divide the country into two distinct regions, that of the north and west being generally a low fertile plain, while the forest-covered table-land of the Ardennes in the south and east has for the most part a poor soil. The highest hill (Baraque Michel) rises to a height of 2,230 feet, but the mean elevation of the country does not exceed 536 feet. The principal rivers are the Meuse (Maas) and its tributary the Sambre, which flow from France to the Netherlands, and are navigable streams throughout their course in Belgium. The Ourthe is also a tributary from the frontier of Luxemburg, and is partly navigable. The river of the western plains is the Schelde (Escaut). These waterways have an auxiliary network of canals for the purposes of transport. The principal harbor and commercial entrepôt is Antwerp, a strongly fortified city on the Schelde. Other harbors on the western coast are Ostend, Nieuport, Blankenberg and Zeebrugge.

History and Government.—Belgium, the country of the ancient Belgae, and known as Flanders and Brabant in the "Low Countries," was joined to the Kingdom of the Netherlands in 1815, an arrangement which was upset by the Revolution of 1830. On Oct. 14, 1830, a National Congress proclaimed its independence, and on June 4, 1831, Prince Leopold of Saxe-Coburg was chosen Hereditary King. Reign-

ing Sovereign Albert Leopold Clement Marie Meinrad, King of the Belgians, Duke of Saxony, Prince of Saxe-Coburg and Gotha, born at Brussels, April 8, 1875, son of Prince Philippe, Count of Flanders, succeeded his uncle, King Leopold II., Dec. 23, 1909.

Belgium in the World War.—Belgium's position opposite England has made England for many years the guarantor of Belgian independence, lest the country be occupied by a Power hostile to the British and used as a base for operations against England. For some time before the outbreak of the World War in 1914, all Europe knew that Germany would take the initiative in attacking France in case of the outbreak of a general European war; and since there was no guarantee that Germany would not invade Belgium in order to get at France, Belgium had long relied upon the assistance of Great Britain and France to repel such an invasion, although Germany failed to prove in and after 1914 that Belgium had in any respect violated her obligations of neutrality before August 3, 1914. And when Belgium was invaded, it was inevitable that Great Britain should be drawn into the War not only to prevent Belgium from being permanently occupied by Germany, but also because of agreements previously entered into with Russia and France.

Belgium resisted the German invasion to the uttermost, and although she was able to resist for less time than had been anticipated, yet the delay thereby caused Germany was of incalculable advantage to the Entente Allies and may well have saved the Franco-British armies from complete destruction. For further details of the Belgian activities in the war, consult the article, *World War.*

The Senate, elected for eight years, consists of 120 members, of whom twenty-seven are elected by the Provincial Councils and ninety-three by the people. The Chamber of Representatives consists of 186 members (one for each 40,000 of the inhabitants), elected by the people. The electoral law of 1894 introduced universal male suffrage at the age of twenty-five, with plural voting up to three votes by property and educational qualification. Failure to vote is punishable by law. The legislature meets annually in November. It is convoked, prorogued and dismissed by the King, but every act of the King must be countersigned by one of his ministers, who thus becomes responsible for it, before it can take effect.

Plural voting was abolished in and after the election held in 1919, and the result of the one-man-one-vote system was materially to increase the Socialist vote and representation in the parliament.

The members of the House of Representatives are elected for four years, half being elected every two years, except that after a dissolution of Parliament a general election is held.

The executive power is vested in a ministry of twelve members, in addition to which a number of ministers without portfolio are named for special occasions.

There is a justice of the peace in each of the Cantons (227), twenty-six District Courts, a Criminal Assize Court in each Province and three Courts of Appeal at Brussels, Ghent, and Liège. There is a Court of Cassation at Brussels.

In each of the nine Provinces, and in each of the 2,632 Communes, there is an elected Council. These Provincial and Communal Councils are elected for eight years (one-half retiring every four years), and meet annually.

There is thus a large amount of autonomy in local government.

AREA AND POPULATION

Provinces	Area in English Sq. Miles	Population Census of 1910
Antwerp	1,093	968,677
Brabant	1,267	1,469,677
Flanders, East	1,158	1,120,335
Flanders, West	1,248	874,135
Hainaut	1,437	1,232,867
Liège	1,117	888,341
Limburg	931	275,691
Luxemburg	1,705	231,215
Namur	1,414	362,846
Total	11,370	7,423,784

By the terms of the treaty of peace between the Entente Allies and the Central Powers, Belgium received from Germany land in Moresnet, Eupen and Malmédy, on the German frontier between Holland and Luxemburg and amounting to some 382 square miles.

Education.—Primary education is universal although not legally compulsory, and it is free to the necessitous, schools being maintained by communal taxation with provincial and state grants; in addition, many schools are under ecclesiastical control—Roman Catholic predominating. Special schools, communal and private, abound, music and fine art schools are a special feature, the Conservatoires of Brussels and Liège and the Académies of Brussels and Antwerp being justly famous; there are thirty-five Royal Atheneums. There are State Universities at Ghent and Liège, and free Universities at Brussels and Louvain.

In 1911, there were in the system of public instruction 35 royal academies and colleges, with more than 8,000 students; 134 middle-class schools, with 29,000 pupils; 7,590 primary schools, 935,000 pupils; 3,186 infant schools with 276,000 pupils; and 4,940 adult schools, with 246,000 pupils.

In 1910, 13 per cent of the population above the age of seven was illiterate, as compared with 19 per cent in 1900. More than 9 per cent of the youth called for military service in 1913 was unable to read or write.

The majority of the population is Roman Catholic.

Production and Industry.—Of the 7,277,000 acres, 4,660,000 are under cultivation, 1,289,000 are under forest, 495,000 are fallow or uncultivated, and 833,000 are marshes, rivers and canals, roads, etc. The principal crops are wheat, oats, barley, rye, potatoes, beet, flax, tobacco and hops, and although great quantities of cereals are produced, wheat, maize and barley are largely imported. About 500,000 persons are employed in agriculture. The Live Stock in 1912 included 232,709 horses, 1,830,747 cattle, and 1,348,514 pigs. The total value of the Forest products exceeds 20,000,000 francs annually.

There are two great coal fields (125 mines working) along the valleys of the Meuse and Sambre, the annual output being about 24,000,000 English tons. Iron is obtained in large quantities, and the steel industry (ingots and rails) is of great importance. The principal iron towns

are Liège, Seraing and Charleroi. There are also 1,780 stone quarries. The mineral springs of Spa are still famous. About 450,000 persons are engaged in the mining and metallic industries.

Belgium is essentially a manufacturing country. Some 800,000 persons are employed in the various factories; the chief industries are glass making at Charleroi, the quarries of the southern counties, wool-spinning at Verviers and linen weaving, particularly in Ghent, Aalst, Tourney, Courtrai, Rousselaire, and Bruges. Cotton manufactures center at Ghent, lace at Brussels, Mechlin and Bruges, and textiles at Verviers.

Transportation and Communication.—In 1912 there were 4,369 kilometres of railway worked by the State, of which 4,110 were State owned. There were also 350 kilometres of privately owned and worked line and 4,038 kilometres of branch lines, while there were 9,757 kilometres of public roads. The gross receipts from railways worked by the State in 1912 were 331,339,666 francs, the working expenses being 229,672,818 francs; the passengers carried numbered 191,814,188. The private lines amount to less than one-fourteenth of the total mileage.

The navigable rivers and canals have a total length of 2,179 kilometres and are very greatly used. The Meuse and Sambre traverse the coal fields, and the Schelde is the waterway of the western agricultural district.

In 1911 there were 1,594 post offices. There is also a Marconi installation.

Towns.—Capital, Brussels (Bruxelles). Population, Dec. 31, 1910, 195,630 (with suburbs 720,347). Other large cities are Antwerp, 320,650; Liège, 175,000; Ghent, 165,000; St. Nicolas, 34,000; Namur, 32,000; Berchem, 31,000.

In the first calendar year after the conclusion of hostilities with Germany in the World War, the United States shipped to Belgium goods valued at $377,876,000 and received from Belgium goods valued at $7,700,000.

CONGO COLONY—The territory of the Congo includes the right bank of the Congo River from Manyanga to the sea, and sixteen miles of seacoast north of the estuary; the left bank from Noki (eighty miles from the sea); and thenceforth both banks. The Congo Independent State was founded in 1885 by Leopold II of Belgium. After the World War, it was increased by a section of the southwestern part of the former German colony of German East Africa, administered by Belgium under mandate from the League of Nations. The area of Belgian Congo is 909,654 square miles, with a population of some 11,000,000, including seven thousand Europeans. The area of the territory to the east held under mandate from the League of Nations is about 19,000 square miles, with a population of some 4,500,000.

Government.—By law of Oct. 18, 1908, the Independent State of the Congo (founded in 1885 by the late King Leopold II.) was annexed by Belgium, and is administered by a Colonial Council of fourteen members, over which the Minister for the Colonies presides. Eight of the Council are appointed by the King, three by the Belgian Senate and three by the House of Representatives. The King is represented in the colony by the Governor-General, who has several assistants. The province is divided into twenty-two administrative districts, which are grouped into four provinces. Each province is administered by a Vice-Governor and each district by a Commissioner. The districts are subdivided into territories. The capital is Boma.

There is much missionary work, with some 150 missions and 1,150 missionaries, of whom 650 are Catholic and 500 Protestant.

The most valuable products are rubber, palm-oil and palm-nuts, white copal and cocoa. Ivory and coffee also are abundant and rice, cotton and tobacco are grown by the natives. Cattle are raised in a number of sections, especially in the highlands and in the territory administered under mandate of the League of Nations. There are many fertile tracts of land, especially along the rivers, but barren mountain-land shuts out the coast from the more productive interior. There is much mining of gold, diamonds and copper, and coal, iron and tin are known also to exist. In a recent year, 3,356 kilos. of gold were produced, 22,000 tons of copper and more than 200,000 carats of diamonds.

In a recent year, there were imports of $17,500,000 and exports of $25,000,000. Much of the trade is with Great Britain.

The river is navigable (for 15,000 kilometres) for large vessels from its mouth at Banana to Matadi (95 miles), where the European steamers discharge and recharge their cargo; but between that place and Léopoldville, on Stanley Pool, there occur rapids and falls which have been avoided by a railroad 240 miles in length. Above the Pool (Léopoldville), more than 1,000 miles are navigable, to Stanley Falls; and some of the tributaries also are navigable for great distances. Above the Falls, the river, there called the Lualaba, is navigable for an additional 600 miles.

There are about 1,250 miles of railroad and almost 6,000 miles of good road. A pipe line of 250 miles transports crude oil from Matadi to Léopoldville for the use of the river steamers. There are fifty post, telephone and telegraph offices, with twenty-five additional telegraph offices and the same number of additional telephone stations. The telegraph has a length of more than 2,000 miles. Belgian Congo is in the Postal Union. (See also Congo Free State.)

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Belgium, Treaties with.—The history of the diplomatic relations of the United States with the kingdom of Belgium displays very amicable sentiment on both sides. The treaty of 1845, on commerce and navigation, was terminated by the Belgian government in 1858. The treaty on commerce and navigation which replaced it in the same year was also terminated by that power in 1875. The treaty on import duties of 1863 was in part superseded by the treaty of 1875.

By a treaty of May 12, 1863, between Belgium and the Netherlands, it was agreed that in consideration of the payment of the sum of 17,141,640 florins (at 47.25 cents of the Netherlands) by the government of the Netherlands, the king of the Belgians renounced forever the duties levied upon the navigation of the Scheldt and its mouths. By treaty with the United States it was agreed that this renunciation applied to all flags and the duty should never be reestablished in any form; also that the pilotage dues and local taxes, reduced 20 per cent for sailing vessels, 25 per cent for towed vessels, and 30 per cent for steam vessels, should never be increased.

The treaty of 1868 on naturalization was proclaimed July 30, 1899. It agreed to the recognition by each country of such emigrants from the respective countries as should by legal naturalization become citizens of the other. Provision was made for the punishment, subject to the statute of limitations, of those guilty of misdemeanor committed prior to emigration, should they return. Freedom from military service in Belgium is accorded to legally naturalized citizens of the United States; and provision is made for restoration to former citizenship, if desired. The treaty remains in force from year to year, subject to six months' notice.

The consular convention treaty of 1868 was terminated on notice by Belgium on Jan. 1, 1880. The trade-mark convention of 1868 expired, with the treaty of 1858, of which it was a part, on July 1, 1875. The extradition convention of 1874 was terminated by substitution of clauses in the treaty of 1882.

The treaty of commerce and navigation of June 29, 1875, provides for full and entire freedom of commerce and navigation. No higher or other taxes shall be imposed upon inhabitants of the one state residing in the other; nor other or higher duties, fees, or imposts of any kind upon ships of the one country in the ports of the other. Coasting trade privileges shall be in both cases those of the most favored nation. In transshipment of goods from other countries the duties and formalities shall be not otherwise than in the case of direct importation and exportation under the national flag.

A consular convention was concluded in 1880, and an extradition convention, made in 1882, was succeeded by one of more breadth in 1901. A trade-mark convention concluded in 1884 was extended to cover copyrights in 1891, and specifically extended to the protection of trade-marks of both countries in China in 1905.

Belligerent.—1.—A country or individual at war. 2.—A citizen of a country in a state of war. (See Belligerent Rights.)

Belligerent Rights.—Rights granted by neutral governments to nations at war with each other, as distinguished from the unrecognizable rebellious subjects of a friendly power. Belligerent rights were accorded the Confederate States by Great Britain in a proclamation by the Queen recognizing the existence of war between the United States and the Confederate States and the right of each to exercise belligerent powers on the ocean, but not recognizing the national independence of the latter. It also enjoined neutrality upon British subjects. Such recognition of rights was also made by France and other leading commercial powers of Europe and by Brazil.

Belligerent Rights:
Accordance of, to Cuban insurgents deemed unwise by President—
Cleveland, 6068, 6151.
Grant, 3985, 4018, 4292.
McKinley, 6258.

Accorded Confederate States by foreign powers, discussed, 3259, 3327, 3565.
Recognition and aid of foreign powers invoked by Confederate States, 3221, 3246.

Belmont (Mo.), Battle of.—Nov. 1, 1861, Gen. Grant, who had been in command of posts in eastern Missouri and southern Illinois under Frémont, had a force of 20,000 men at Cairo. A Confederate force under Gen. Polk held Columbus, Ky., on the east bank of the Mississippi River. This position commanded the navigation of the river, and was eventually made very strong, being defended by more than 120 heavy guns. On the Missouri bank opposite Columbus the Confederates had established a camp at Belmont, under Gen. Pillow. Grant learned that re-enforcements were to be sent by way of this camp in November to join Price. He thereupon left Cairo and, sending a force to occupy Paducah, Ky., conveyed 3,000 men down the river in transports, accompanied by gunboats to attack Belmont. The battle was fought Nov. 7, 1861. Few of the men had been under fire before. Grant's men took the camp, but were compelled to abandon it and return to their transports. The Federal loss was 485 killed, wounded and missing. The Confederate loss was 642, including prisoners.

Bemis Heights (N. Y.), Battles of.—Also called battles of Saratoga and Stillwater. In the autumn of 1777 the condition of Burgoyne's army in the upper Hudson Valley began to grow serious. Provisions were running short and the likelihood of effecting a junction with Howe at New York was remote. Gen. Gates had been sent by Congress to succeed Schuyler in command. The American army was daily increasing. Sept. 19, the two armies met at Bemis Heights, between Saratoga Lake and the Hudson River. An engagement took place between about 3,000 British and 2,500 Americans. Of the British about 500 were killed, wounded or captured; the Americans lost 319. This fight, sometimes called the battle of Freeman's Farm, was not decisive, as the British held their ground. The Americans showed, however, that Burgoyne could not break through their lines. The two armies remained almost within cannon shot of each other for some three weeks. Oct. 7, Burgoyne, despairing of re-enforcements, made a second attack, but was forced to retire to the heights near Saratoga. The numerical strength of the Americans was now greater than that of the British. Burgoyne was completely surrounded by Gates's army, which refused to engage him, but held him until famine forced his capitulation Oct. 17, 1777. The number of troops surrendered was 5,791, of whom 2,412 were Riedesel's Hessians. The battle of Saratoga is often treated by historians as the decisive conflict of the Revolution. Arnold, who subsequently turned traitor, was the hero of these engagements.

Benedict Arnold's Treason. (See Arnold's Treason.)

Beneficence Congress at Milan, 4626.

Benevolent Assimilation.—A catch-phrase used by President McKinley in outlining the proposed treatment of the Filipinos. The term was used in derision by Democratic campaigners in 1900.

Ben Franklin, The. (See Butterfield, Carlos, & Co.)

Bennett Law. (See White Slavery.)

Bennington (Vt.), Battle of.—An important conflict of the Revolutionary War. Aug. 11, 1777, Burgoyne sent Lieut.-Col. Baum with about 800 British and some Indians from Fort Edward to forage for cattle and supplies in Vermont. On the road to Bennington they were opposed by Col. John Stark, Aug. 16, with a force of some 2,000 men, mostly militia from New Hampshire and Vermont. The engagement began about 3 o'clock in the afternoon. At the outset the Indians deserted, and the remainder of Baum's brigade was soon overcome. Col. Breyman with 500 men, who had been sent to re-enforce Baum, was also defeated. The British loss was about 200 killed, and the American is variously estimated at from 550 to 900. Four pieces of artillery, 1,000 stand of arms, and many swords were also captured. Americans lost about 40 killed and as many wounded.

Bennington, The, refuge on, sought by Salvadorean insurgents, discussed, 5961.

Bentonville (N. C.), Battle of.—After the engagement at Averysboro Sherman's army continued its march toward Goldsboro. When near Bentonville, March 18, 1865, Slocum's advance encountered the Confederates in force. Johnston had hastily collected Stewart's and Cheatham's corps, Hardee's force, and Hampton's cavalry, aggregating something like 24,000 men. The attack of the Confederates was directed mainly against the corps of Jeff. C. Davis. A strong line of battle confronted Johnston, with Mill Creek and a single bridge in his rear. March 20 a general attack was made by Sherman's skirmish line. During the night Johnston retreated, as it was not his purpose to bring on with his small force a general battle with the large army of Sherman. The battle was not a distinct victory for either side.

Berceau, the allowance made for, 328.

Bergen, Norway, international exhibition to be held in, 3470.

Bering Sea (between Alaska and Asiatic Russia; 850,000 sq. miles); American vessels seized by Russian cruisers in, discussed, 6336.

Bering Sea Fisheries.—In 1886 the American Government set up the claim that Bering Sea was *mare clausum*, and claimed jurisdiction over the eastern half of it. In July, 1889, the British Columbian sealer *Black Diamond* was seized for trespassing. Russia pretended to grant such rights when ceding Alaska in 1867, though in 1822 the United States had disputed Russia's claim to sovereignty over the sea beyond the usual three-mile limit of territorial jurisdiction. In consequence of this new doctrine many Canadian and American vessels were seized by a United States naval vessel for taking seal about the Pribyloff Islands and in the open sea in violation of the laws of the United States, which had leased a monopoly of seal killing to the Alaska Commercial Company (afterwards to the North American Company, in 1890). The British government claimed damages for the Canadian vessels seized.

Secretary Blaine and Sir Julian Pauncefote, the British ambassador, held many long consultations over the affair, but could arrive at no conclusion. After a *modus*

vivendi had been agreed upon in 1891 the matter was finally left to a board of arbitration to consist of two members appointed by the United States, two by Great Britain, and one each by the President of France, the King of Italy, and the King of Norway and Sweden. The members appointed were, respectively, Justice John M. Harlan, of the Supreme Court, and Senator John T. Morgan; Lord Hannen and Sir John S. D. Thompson; Baron de Courcel; the Marquis Emilio Visconti-Venosta, and Gregers W. Gram. The Tribunal began its sessions at Paris, March 23, 1893, and August 15 following rendered its decision denying the right of American jurisdiction outside the usual three-mile limit. In order, however, to prevent extermination of the seals, the commission stipulated that seal fishing could be engaged in by licensed vessels only, established a closed season for seals in those waters from May 1 to August 1 and forbade pelagic sealing within sixty miles of the Pribyloff Islands, sealing with firearms or in steam vessels. These restrictions were made binding for five years but proved wholly ineffective. Another meeting of English, American and Canadian commissioners was held on Nov. 18, 1897, which unanimously upheld the attitude of the United States. In addition the United States agreed to prohibit all sealing even on the Pribyloff Islands for one year. To this Canada did not agree.

Finally another mixed commission met at Quebec August, 1898, transferred its session to Washington, D. C., in November of the same year, and adjourned in February, 1899. It has never reassembled and the matter has remained *in statu quo*. (See also Paris Tribunal of Arbitration.)

Bering Sea Fisheries (see also Fisheries):
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Berlin (Capital of German Empire):
Congo conference at, 4855, 4865.
International Exhibition of Fish at Fisheries at, discussed, 4560.

Berlin-to-Bagdad Railroad.—By the time that the German Empire had been internally consolidated and was ready for colonial expansion, most of the available colonial territory of the world had been already pre-empted by the other great Powers. It is true that in the last decades of the nineteenth century Germany acquired a considerable colonial empire in Africa, but the German African colonies were the least desirable and least profitable of the African colonies of the great Powers. The only unoccupied field which seemed to be open to German expansion was Asia Minor, or Anatolia.

Asia Minor belonged to Turkey, but Turkey was unable to exploit it herself, and was willing to grant concessions looking toward that end to Germany, especially since by the end of the nineteenth century Germany had become the arch-protector of Turkey. Germany's plans for the commercial exploitation of Asia Minor took the form of a railway leading not only through Asia Minor, but also through Mesopotamia all the way to the Persian Gulf. If Germany could then obtain Bulgaria or even Roumania as an ally in addition to Austria-Hungary, she would obtain direct rail connection between the North Sea and the Persian Gulf.

Thereby she would completely cut off Russia from the Mediterranean, could prevent Russia from acquiring Constantinople and control of the Balkans, and would have a long offensive arm pointed directly at India. In addition, the Berlin-to-Bagdad Road was to connect at Aleppo with the railroad through Damascus and through Syria into Hedjaz, along the Red Sea, so that Germany would have another offensive arm pointing directly at Egypt.

A part of the Berlin-to-Bagdad conception was a tunnel under the Bosphorus at Constantinople, thus assuring uninterrupted rail connection.

Construction got under way in the last years of the nineteenth century, and at first British capitalists joined German in the project. (At this time, Great Britain and Germany were friendly, and Great Britain's chief diplomatic foe was Russia.) In 1896, a section of the road was completed between Constantinople and Konia, in Asia

Minor; and in 1899 and in 1902, Germany obtained further concessions from Turkey for the extension of the "Bagdadbahn."

But by 1900, Great Britain realized the extent and danger to her of the German plan, and not only withdrew her capital, but also thwarted the German plan of reaching the Persian Gulf by claiming a protectorate over Koweit, a stretch of land along the Gulf which was the only possible terminus at the Gulf for the railroad. At the same time, Great Britain and Russia established spheres of influence over Persia, so as to prevent German exploitation of that country and still further to threaten the development of the Berlin-to-Bagdad Railroad.

The railroad had not been completed by the time of the World War, and the defeat of the Central Powers put an end to the conception of the Berlin-to-Bagdad Railroad as helping to establish Germany as mistress of the world. However, the plan had played a great share in creating enmity between Great Britain and Germany, and thus in provoking the War of 1914-1920.

By 1920, the railroad had been constructed from Constantinople through Aleppo to a point on the Tigris about 300 miles northeast of Bagdad, and British construction had connected Bagdad with the Persian Gulf. It was hoped that the entire project would be completed by the beginning of 1921.

Berlin-to-Bagdad Railroad, purposes of, discussed, 8388.

Berlin and Milan Decrees discussed and referred to by President—
Jefferson, 409, 415, 430, 432, 434, 441, 446.
Madison, 467, 476, 503, 513, 522.
Proclamations regarding, by President Madison, 457, 466.

Berlin Decree.—An edict issued from Berlin Nov. 21, 1806, by Napoleon I. It declared a blockade of the British Islands and ordered all Englishmen in countries occupied by French troops to be treated as prisoners of war. All trade in English merchandise was forbidden, and no letters in the English language were to be allowed to pass through French post-offices. No vessel directly from England or the English colonies was to be admitted into any French port, and by a later interpretation all merchandise derived from England or her colonies, by whomsoever owned, was liable to seizure even on board neutral vessels. The decree reserved for future consideration the question whether vessels carrying English merchandise might not themselves be liable to seizure and confiscation. The object of this decree was to destroy the foreign trade of England, as well as to retaliate against the British for an order in council issued May 16, 1806, declaring a blockade of the coasts of Germany, Holland, Belgium, and France, from Brest to the Elbe, a distance of about 800 miles. No commendations took place under the Berlin Decree. (See Embargo; Milan Decree; Orders in Council.)

Bermuda Islands.—The Bermudas are a group of islands of coral formation, between 300 and 400 in number. They are situated in north latitude 32° 20′, and west longtitude 64° 45′, the nearest land being Cape Hatteras, 580 miles distant.

The islands were discovered in 1515, by a Spanish navigator, Bermudez, who was shipwrecked on them, and from whom they derive their name. The first colonization was undertaken in 1612 by the British, who maintain possession of the islands.

The population is in the neighborhood of 20,000, of whom fully two-thirds are negroes. The area of all the islands is about 20 square miles, but only four of them are of sufficient importance to be mentioned. These are Great Bermuda (Hamilton), St. George, Somerset and St. David.

The flatness of the land has induced the construction of a magnificent system of roads, which open up to all visitors the beauties of the dense vegetation. The maximum average temperature is 87° and the minimum average is 49°, the mean annual being 70°—a climate which has attracted thousands of visitors, especially in winter, making the Bermudas one of the great vacation lands of the Western hemisphere. Mammals are scarce, but birds and fish are plentiful.

The capital of the islands is Hamilton, which has a population of 3,000. The administration lies in the hands of a governor, an executive council of six, and a legislative council of nine members, all of whom are appointed by the Crown, and an elected assembly of thirty-six members. In 1917, the imports were of the value of $3,000,000 and the exports, $1,000,000, chiefly to and from the United States. About 20,000 visitors from the United States come to the islands annually.

Bermuda (Group of 360 islands; British; 580 miles east of North Carolina; area, 20 sq. miles): slaves seized on board brigs by authorities of, 4867.

Berne, Switzerland:
International Copyright Convention at, discussed, 4919, 5090.
International Postal Congress at, discussed, 4250.

Bessarabia.—A government of Russia in the extreme southwest of European Russia, bordering upon Roumania and the Black Sea. It comprises 16,181 square miles and its population, which is extremely heterogeneous, but which contains many Roumanians, is about 2,500,000. It was ceded to Russia in 1812. It was expected in 1919 that by the peace treaties of the World War it would be incorporated within Roumania.

Betsy Ross House. (See Flag.)

Beverage Manufacturers licensed, 8498.

Bhutan.—A native state in the southeastern Himalayas, between 26° 42′-28° N. latitude and 89°-92° E. longitude, and is bounded on the north and east by Tibet, and on the south and west by British India. The total area is estimated at 20,000 English square miles, with a population variously stated at 200,000 to 400,000 persons, mainly Buddhists, and consisting of an idle priestly class and struggling cultivators.

Government.—From the middle ages until 1907 the country was under the dual government of a spiritual chief and a temporal sovereign. In 1907 this dual government came to an end and the Tongsa Pelop (the chief councillor and virtual ruler) was chosen hereditary Raja. In 1863, owing to

outrages on British subjects, portions of Bhutan were annexed to British India, an allowance being paid annually by the Indian Government as compensation. Bhutan agreed to be guided in its external relations by the advice of the British, who undertook not to interfere in its internal affairs.

Biennial Register, distribution of:
Act providing for, reasons for applying pocket veto to, 5072.
Referred to, 1783.

Big Bear State.—Alternative nickname for Tennessee. (See Volunteer State.)

Big Bethel (Va.), Battle of.—One of the preliminary skirmishes of the Civil War. In June, 1861, Maj.-Gen. B. F. Butler, of Massachusetts, was placed in command of the Federal forces in eastern Virginia. He established headquarters at Fortress Monroe and was soon in command of 10,000 men. June 9, Butler sent Brig.-Gen. E. W. Pierce with a detachment of 3,500 (composed of New York, Massachusetts, and Vermont infantry and a battery of artillery) to dislodge the Confederates at Big and Little Bethel under Gen. J. B. Magruder's command. Magruder's force (1,400) had made frequent raids upon the Federal lines. The attack, which was intended as a surprise, was made by the Union forces on the morning of June 10 and was repulsed. The Union loss was seventy-six. Among the killed was Maj. Theodore Winthrop. The Confederate loss was one killed and four wounded. Big Bethel was the first real battle of the war.

Big Black (Miss.), Battle of.—May 17, 1863, the day after the battle of Champion Hills, Grant's army pushed on toward Vicksburg. McClernand's corps, in advance, soon came upon Pemberton's army, strongly intrenched on both sides of the Big Black River. The Confederate batteries posted on the high bluffs were carried after a sharp engagement, the Federal assault being led by Lawler's brigade. The Confederates retreated. Seventeen pieces of artillery and about 1,200 prisoners were here taken. A portion of Pemberton's outposts crossed the river on temporary bridges, which they destroyed behind them, and joined the main body of the army in the retreat into the fortifications at Vicksburg. The Federal loss was 279.

Big Business. (See Business.)

Big Wichitaw River, exploration of, referred to, 2897.

Bigamy.—The state of having two or more husbands or wives at the same time. (See Mormon Church; Polygamy.)

Bill of Attainder. (See Attainder.)

Bill of Rights.—The earliest colonial or State declaration of American rights after the "Body of Laws" of Massachusetts, in 1640, was that which accompanied the Virginia constitution of 1776. It was based upon the English Bill of Rights of 1689. The latter was an instrument signed by William and Mary when accepting the crown of England from the Convention of Parliament. It asserted the right of subjects to petition, the right of Parliament to freedom of debate, the right of electors to choose representatives freely, and other privileges. This Bill of Rights, which contained the fundamental principles of political liberty, was not extended to the colonies. Other State constitutions in defining the rights of the citizen as against the scope of the State largely followed the phraseology of this famous instrument. The National Constitution was harshly criticised on account of the omission of some such guaranty of personal rights, and might have failed of ratification had not the Federalists promised to incorporate such a set of statements. The first ten amendments stand as the partial fulfillment of their promises. (See also Amendments.)

Bills and Acts:
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Effect on, of adjournment of Congress before expiration of ten days after presentation to President discussed, 3797.
List of acts transmitted, 3963.

Bimetallic Conference. (See International Monetary Conference.)

Bimetallism.—The use of two metals as money at relative values set by legislative enactment; the doctrine that two metals can and ought, at the same time and in the same country, to be adopted as standards of value and bear to each other a fixed ratio established by the Government. As used in this country, the term usually refers to the use of gold and silver at a fixed relative value established by law. Monometallism is the doctrine that only one metal ought to be so used. (See Silver.)

It is to be noted that the term "Bimetallism" is applied to a system wherein both gold and silver are used as the standards of value and limitless legal tender, not merely where both are in use as media of exchange and where even silver may be legal tender to some extent. Indeed, the latter system is in use in most civilized countries at the present time, although practically every nation today is under a monometallic system. (The term bimetallism seems to have been first used in 1869.)

Historically, most countries' financial systems have developed from silver monometallism to bimetallism to gold monometallism. Civilized England comes into history with a silver standard, the present-day pound representing a pound of silver, the early standard of value. But the rate legally established for gold for coinage use was generally too high and the rate for silver too low, so that through the sixteenth and seventeenth centuries, even after the financial reorganization of England by William III in 1699, silver had almost entirely been replaced in the circulation of the country by gold. Gold was established as the standard of value in England in 1816, and in 1870 the unlimited coinage of silver was stopped.

On the Continent, France practically established bimetallism in 1801, but the bimetallic system went through various

vicissitudes until 1877, when France, Belgium, Switzerland, Italy, Greece all joined in the establishment of a gold monometallic system. Bimetallism in Germany had ended in 1871.

Bimetallism was the financial system of the United States until 1873, when the gold standard was established. At that time, the circulation of the country was still largely on a paper basis. A reaction against monometallism soon set in, and for the next quarter of a century the re-establishment of a bimetallic system was a, if not the, all-engrossing question in American political life. Various compromise measures were passed to reconcile the two camps, so as to provide for the great coinage of silver. Thus in 1878 a law was passed calling for the purchase every month of at least $2,000,000 worth of silver for coinage; and in 1890 a law was passed providing for the monthly purchase of 4,500,000 fine ounces of silver, for which Treasury notes were issued. The silver coinage under both the 1878 and the 1890 laws was made legal tender. This inflation of the currency was stopped in 1893.

During this period, prices generally were falling, and there was general commercial depression. In spite of the increase in the population of the country, the new coinage constantly decreased, so that there is evidence to believe that there was real need for a greater stock of money in the United States. With money constantly becoming more scarce and hence more valuable and with prices constantly becoming lower, those classes who had to pay loans and mortgages, etc., especially the farmers, rallied to the support of the program of the bimetallists, in the hope that relief to the conditions prevalent at the time would be afforded by the bimetallic program. In 1896 and in 1900, the bimetallists captured the Democratic Party, under the leadership of William Jennings Bryan; but were signally defeated on that issue in the presidential elections of those years. Mr. Bryan would have provided for unlimited coinage of silver at the legally-fixed ratio to gold of 16 to 1.

The increased production of gold after 1898, due to new methods of mining and ore-extracting and to the discovery and opening up of new mine fields, however, have increased the coinage of the country to a considerable extent; and this fact, combined with the adoption of monometallism by India and Mexico and the other countries which were still bimetallic at the close of the nineteenth century, has put a quietus upon the bimetallic movement, and it is no longer of significance other than historical.

The chief arguments advanced for bimetallism were two in number. In the first place, it should serve to minimize the danger of the fluctuating value of money by vastly increasing the stock of metal upon which coinage is based. (It might be readily suspected that if one metal varied in value in one direction, the other would counteract that effect, if not by varying in the opposite direction, at least by remaining unfluctuating in value. Especially would the effect of such fluctuation in the first metal be counterbalanced by increasing the store of the previously-mined and hence previously-valued metal in existence on which coinage is based.) The disadvantages of fluctuating values of money are obvious, especially to those who repay or receive money according to contract, the same sum at a later date being worth more or less than when originally stipulated for.

The second argument lies in a stabilizing influence upon international trade which a bimetallic system would effect as long as some countries exist with one system and other countries with another. But both these arguments have been abandoned by great numbers of those who previously advanced them because they seem to have been nullified by recent developments with respect to the financial and coinage systems of the world.

Binet-Simon Test. — A mental test consisting of 56 single tests, arranged in different groups, to determine mental development. The groups correspond to the mental ages from 3 to 12, and the ability of the subject under inspection to pass at least a minimum of the tests in each group determines his ability to be rated in or above that group. A person who cannot pass the tests three years below the tests which constitute the average ability of persons at his physical age is considered mentally deficient.

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Biological Survey, Bureau of, Agriculture Department.—A bureau of the Department of Agriculture which studies the geographic distribution of animals and plants, makes maps of life zones, and studies the food and habits of birds and mammals. It enforces the laws regulating the importation of foreign birds and animals. It looks after the protection of game by control of interstate trade; also the protection of migratory and insectivorous game birds.

An important fact established by this bureau is that the dreaded bubonic plague is a disease of rats and that it is transmitted to human beings chiefly through the agency of fleas which infest rats and then convey the poisonous germ to human beings.

A careful study of birds in relation to fruit raising engaged the attention of this bureau for several years. The result was a report informing orchardists how to discriminate between friends and foes—that they might encourage the one class and

prevent or lessen losses from the other. Bird reservations (sanctuaries where flocks may breed safely or take refuge during the migration) have also been set aside upon recommendation of this bureau.

Biological Survey, work of, reviewed and commended, 7106. (See also Agriculture, Department of.)

Birds:

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(Native), reservation established for, 7959.

Birth Statistics.—A census report for 1915 reveals that in that year in the registration area (q. v.) the births averaged 24.9 per cent per 1,000 population. The births among white persons averaged 25.0 per cent and those among colored, 20.6 per cent.

In the urban part of the registration area, the birth rate per thousand population was 25.8 per cent—25.9 per cent among the whites and 21.7 per cent among the colored. In the rural part of the registration area, the birth rate was 23.6 per cent—the rate being 23.7 per cent among the white and 16.5 per cent among the colored.

Birth Rate, decrease in, discussed by President Roosevelt, 7048.

Bituminous Coal Strike. (See Coal Strike.)

Bivouac.—An out-door encampment of soldiers held in prime readiness for action.

Bixby Letter. (See illustration opposite 3479.)

Black Cockades.—A badge first worn by the American soldiers during the Revolution and later, during the hostility toward France (about 1797) occasioned by the X. Y. Z. dispatches, adopted by the Federalists as a patriotic emblem and as a rejoinder to the tri-colored cockade worn by the Republicans as a mark of affection toward France. Its significance in some degree lay in the fact that it had been a part of the Continental uniform.

Black Code.—A systematized set of rules for the guidance of the colored people before slavery was abolished.

Black Friday.—There have been several Black Fridays. The term is often used to designate a dark financial day. In England it has special reference to Friday, Dec. 6, 1745, the day on which news came to London that the young Pretender, Charles Edward, had reached Derby; and also to Friday, May 11, 1866, which was the height of the commercial panic in London through the failure of Overend, Guerney & Co. Sept. 24, 1869, is sometimes referred to as Black Friday in the United States. On this day a syndicate of New York bankers advanced the price of gold to 162¼, causing a panic. It sold at 143⅛ the previous evening. Another such day was Friday, Sept. 19, 1873, when Jay Cooke & Co., leading American bankers, failed. A great crash ensued in Wall Street, the center of financial operations in America, and the historic panic of 1873 began. Credit generally was impaired and many financial institutions were forced into bankruptcy.

Black Hand.—An Italian secret society, often resorting to violence to obtain its demands for blackmail. Prominent Italian-Americans have organized as a counteracting force the White Hand, which has aided the Secret Service to suppress the activities of the Black Hand, which derives its name from the fact that the communications of the society are often signed with a black hand, as its official emblem.

Black Hawk War.—By a treaty signed at Prairie du Chien, Wis., July 15, 1830, the Sac and Fox Indians ceded all their lands in Illinois and Wisconsin to the United States. Black Hawk, a noted chief of the tribe, refused to abide by the treaty and made war upon the whites. He resisted the survey of the land at Rock Island, Ill., although most of the Sacs and Foxes were west of the Mississippi. In 1831 he attacked some Illinois villages, but was driven off by the militia under Gen. Gaines in June of that year. The next spring he returned with a strong force and began to massacre the whites. Gen. Scott was sent against him with a force of United States troops. Black Hawk was defeated at the Wisconsin River July 21, 1832, by a detachment of troops under Gen. Dodge, and again at Bad Axe River, Aug. 2 of the same year, by Gen. Atkinson. After these successive defeats Black Hawk was compelled to surrender.

Black Hawk War, discussed, 1166, 1251.

Black Hills:

Emigration to, 4276, 4306, 4355.

Gold discovered in, referred to, 4306, 4355.

Black Horse Cavalry.—A political term applied to those legislators (more or less numerous in every legislative body) that act together for the purpose of exacting money from friends of any measure under consideration and threaten its defeat in case of non-compliance. Their number is frequently great enough to be of considerable influence.

Black Laws.—Laws passed in many of the northern states before the abolition of slavery requiring certain acts to be performed by free negroes, as a condition to their residing in those states, or prescribing disabilities under which they labored. Such were laws requiring them to file certificates of their freedom; forbidding them to testify in cases in which a white man was interested; excluding them from the militia and from the public schools, and requiring them to give bonds for their good behavior.

Black-List.—A list of persons considered objectionable—used in attacking public and private persons; also by organized capital to prevent certain classes of labor from obtaining employment, and by organized labor to prevent certain classes of capital from securing patronage. (See Boycott.)

Blacklisting of American firms by Great Britain, protest against, 8143.

British reply to, 8187.

Black-Mail.—The act of attempting to extort money or other valuable objects by threats of exposure.

Black Mesa Forest Reserve proclaimed, 6700.

Black Rock (N. Y.), Battles of.—Lieut.-Col. Bishop, with about 400 men from the

British camp at Lundys Lane, crossed the Niagara River July 11, 1813, and attacked the blockhouse at Black Rock, where the Americans had a considerable quantity of naval stores and ammunition. The blockhouse was in charge of Gen. Peter B. Porter, with less than a dozen artillerists. About 300 militia and a small band of Indians were scattered about in the neighborhood. The militia fled at Bishop's approach and Porter narrowly escaped capture. On his way to Buffalo, meeting re-enforcements of 100 regulars, he returned and attacked the invaders. After a short struggle the British were driven with loss to their boats. Lieut.-Col. Bishop was mortally wounded. In August, 1814, Black Rock was again attacked by the British and successfully defended by the Americans. After the battle of Lundys Lane the American army retired to Fort Erie and vicinity. Gen. Drummond, having received re-enforcements, went in pursuit. As a preliminary step toward attacking Fort Erie, the British general resolved to take possession of Black Rock. About 1,200 men under Lieut.-Col. Tucker crossed the river on Aug. 3, 1814, and were met and driven back by 300 Americans under Lieutenants Ryan, Smith, and Armstrong. The British lost a considerable number; the American loss was slight.

Black Rock, N. Y., works at, referred to, 1563.

Black Sea:
- Free passage for, secured by treaty with Turkey, 1067, 1157.
- Navigation of, unlocked, 1008.
- Vessels of United States excluded from, discussed, 1065.

Black Warrior, The.—The American merchant vessel which was seized at Havana by Cuban customs officials Feb. 28, 1854, and with its cargo was declared confiscated (2767, 2778). The proceedings aroused a bitter feeling against Spain, and a special messenger was dispatched instructing the American minister at Madrid to demand, as immediate redress, indemnification to the owners in the sum of $300,000. The reluctance of Spain to accede led to the Ostend manifesto. Spain afterwards made compensation for the seizure (2869), but the incident was used as a pretext for later filibustering expeditions into Cuba.

Black Warrior, The, seizure of, by Spanish authorities discussed, 2767, 2778.
- Disavowal of, by Spain, and payment of indemnity, 2869.
- Reparation for, refused, 2779.

Black Water State.—A nickname for Nebraska (q. v.). (See also States.)

Blackfeet Indians. (See Indian Tribes.)

Blackstock's (S. C.), Battle of.—In November, 1780, Gen. Sumter started for Fort Ninety-Six to attempt its capture. He was pursued by Col. Tarleton. A skirmish took place Nov. 20 at Blackstock's plantation, on the Tyger River, Union District, S. C. Tarleton fled, leaving nearly 200 dead and wounded upon the field. The American loss was only three killed and five wounded.

Bladensburg (Md.), Battle of.—As early as January, 1814, intelligence was received at Washington that 4,000 British troops had landed at Bermuda, destined for the United States. The British Admiral Cockburn arrived at Lynnhaven Bay, Va., in March with 1 ship, 2 frigates, and 1 brig. Early in August he was joined by Vice-Admiral Cochrane, who took command, and was later joined in the Chesapeake by 4,000 veterans of Wellington's army, under Gen. Ross. The civil government at Washington was apathetic in the face of impending danger. Washington, with its public buildings and records, was entirely unprotected. At the suggestion of Gen. Winder the President called a Cabinet council in July and proposed raising an army for the defense of the Federal capital. This comprehended a requisition on the States for militia aggregating 93,000 men. The naval defenses were intrusted to Commodore Barney, with a small flotilla of gun-boats carrying 400 men. By Aug. 1 Gen. Winder, who was assigned to the defense of the capital, had 1,000 regulars and almost 4,000 militia under his command for the defense of Washington and Baltimore. The remainder of the army was on paper. The British moved up the Patuxent by land and water to Upper Marlboro. Barney destroyed his flotilla at Pig Point and crossed toward the Eastern Branch of the Potomac, forming a junction with Winder's advance, which had proceeded to Bladensburg, about five miles from Washington, on the post road to Baltimore. Here at noon, Aug. 24, 1814, the two armies faced each other, the British, under Gen. Ross, nearly 5,000 strong, 4,000 of them seasoned by service in continental Europe, while the defenders of the capital consisted mainly of undisciplined, untried militia, many of them only three days from their homes. The battle lasted from about half-past twelve till four o'clock and resulted in the utter rout of the Americans. The British lost upward of 500 men in the engagement. The Americans had only 26 killed and 51 wounded. After this battle the invaders marched to the capital, seized it, and burned the public buildings.

Bland-Allison Act:
- Discussed by President—
  - Arthur, 4633, 4720, 4830.
  - Cleveland, 4927, 5097, 5373.
  - Harrison, Benj., 5475.
  - Hayes, 4511, 4568.
- Vetoed by President Hayes, 4438.

Bland Dollar.—A name sometimes applied to the silver dollar of the United States, the coinage of which began in 1878. During that year Congress passed the act providing for such coinage. A bill was introduced in the House of Representatives by Richard P. Bland, of Missouri, July 25, 1876, providing for the free and unlimited coinage of silver, which had been suspended since 1873. Mr. Bland's bill passed the House providing for free coinage, but was modified in the Senate by the Allison amendment. As the bill became a law it provided that instead of free coinage the Secretary of the Treasury should purchase each month not less than $2,000,000 nor more than $4,000,000 worth of silver bullion to be coined into silver dollars of 412½ grains each. President Hayes returned the bill with his veto Feb. 28, 1878 (4438), but on the same day both House and Senate passed the bill over his veto. The effects of the law were discussed by the Chief Executives from time to time. (See Bland-Allison Act.) This act was repealed in 1890 by the act of Congress known as the Sherman act (*q. v.*).

Blizzard State.—Alternative nickname for South Dakota. (See Coyote State.)

Blockade.—A well-defined principle of international law which secures to any nation the right in time of war to render intercourse with the enemy's ports unlawful, hazardous, or impossible on the part of neutrals. It was introduced by the Dutch about 1584. The principle recognized by European powers is that a blockade to be binding must be effective. It is carried into effect by a force of war ships, which patrol the sea outside the enemy's harbor and arrest any vessels of any power attempting to enter. Should any arrested vessel contain goods or persons contraband of war, it is condemned by a prize court and sold, the proceeds being divided among the blockade squadron. This right is incontrovertible, having its origin in the soundest principles of maritime jurisprudence, sanctioned by the practice of the best nations of enlightened times. The Elbe was blockaded by Great Britain in 1803; the Baltic by Denmark in 1848-49 and in 1864; the Gulf of Finland by the Allies in 1854. At the outbreak of the Civil War in America the Confederate government required every English vessel that entered its ports to bring arms and ammunition as part of its cargo. Plymouth, Newbern, Wilmington and other North Carolina ports were much used by these vessels, as also the port of Charleston, S. C. United States cruisers blockaded these ports, and under the established rules of international law seized, searched and confiscated foreign vessels attempting to run the blockade, as well as enemy's ships in transit. At the commencement of the Spanish-American War in 1898 the United States maintained a strict blockade of Cuban ports for several weeks under the direction of Acting Rear-Admiral Sampson, which finally resulted in the battle of July 3, when the American squadron under the immediate command of Commodore Schley entirely destroyed the Spanish fleet under Admiral Cervera. In the Russo-Japanese War (see Japan), the Japanese maintained a strict blockade of Port Arthur from Feb. 10, 1904, when the first attack was made, until the fall of the city, Jan. 2, 1905.

In the World War, the Entente Allies proclaimed a blockade of Germany and her allies immediately upon the opening of hostilities. By the thoroughness with which this blockade was maintained, it became legal under the conventions of international law. Germany, however, asserted that the Entente was conducting the blockade in an illegal manner and retaliated by declaring a blockade of England and France; but since Germany was able to enforce her blockade only by use of submarines, it could not obtain standing under international law, and Germany's methods of enforcing this attempted blockade by submarines were directly responsible for the entrance of the United States into the conflict. Consult also the index under World War.

Blockades:

- Correspondence regarding, referred to, 3259.
- During War of 1812 discussed, 486.
- Established by—
  - Portugal, claims of United States growing out of, 1098, 1113, 1243.
  - Spain, claims of United States growing out of, 1112.
- In order to be binding, must be effective, 2945.
- Maximilian's decrees declaring, proclaimed void, 3631.
- Of Cuban ports, proclaimed, 6472, 6481.
  - Discussed, 6296, 6312.
  - Removal of, referred to, 6321.
- Of European waters by Entente Allies during European War, protest by United States against, 8059.
- Of Mexican ports, and effect of, on United States, 1705, 1733.
- Of Southern ports proclaimed, 3215, 3216, 3481.
  - Claims of foreign powers arising out of, discussed, 3328.
  - Nonresident foreigners engaged in violating, order regarding 3483.
  - Referred to, 3225, 3385.
  - Removed, 3523.
    - From certain ports, or relaxed in the South in the interests of trade and commerce, both home and foreign, 3290, 3372, 3417, 3431, 3482, 3507.
- Of Spanish Main, referred to, 776.
- Of Tripoli, questions between United States and Tunis growing out of, 388, 389.

Blockhouse.—A structure in which soldiers shelter themselves from attack, and from which they attack the enemy through suitable openings in the walls.

Block Signals for Railroads, urged, 6982.

Blood, Corruption of. (See Corruption of Blood.)

Bloody Shirt.—A term used to describe the utterances of impassioned speakers and writers who after the close of the Civil War endeavored to revive its memories and to agitate the minds of their hearers for political effect. Reviving war animosities was said to be waving the bloody shirt.

Blue Book. (See Biennial Register.)

Blue Books.—The official publications of both the Serbian and the English governments, giving their sides of the diplomatic negotiations which preceded the European War.

Blue Grass State.—Alternative nickname for Kentucky. (See Corn-Cracker State.)

Blue Hen State.—Alternative nickname for Delaware. (See Diamond State.)

Blue Laws.—A name applied to the early laws of some of the American Colonies. The general court of New Haven, Conn., in April, 1644, ordered that the "judicial laws of God as they were delivered to Moses," should be binding on all offenders and a rule to all the courts of the jurisdiction "till they be branched out into particulars hereafter." New Haven's criminal code was developed along these lines. It is doubtful, however, if some of the rigid rules of conduct often quoted as Blue Laws were ever enforced. Some of them are as follows: "No one shall run on the Sabbath day, or walk in his garden or elsewhere, except reverently to and from meeting." "No woman shall kiss her child on the Sabbath or fasting day." "No one shall read common prayer, keep Christmas

or saints' days, make minced pies, dance, play cards, or play on any instrument of music except the drum, trumpet and jews-harp." As early as 1649 a law of Massachusetts provided for the prohibition of labor, play or travel on the Lord's Day, beginning on Saturday evening. The "Duke's Laws" of New York also forbade the profanation of the day by travel or labor. The Pennsylvania laws of 1682 forbade labor. Those of South Carolina in 1684 forbade profanation of the Sabbath. Virginia in 1692 forbade travel or profanation. Remnants of these laws still survive in state legislation.

Blue Licks (Ky.), Battle of.—Aug. 19, 1782, a body of 182 Kentucky pioneers were drawn into an ambuscade at Blue Licks, Nicholas County, Ky., by Indians under Simon Girty. The settlers were defeated with the loss of sixty-two, including a son of Daniel Boone.

Blue Lights.—During the summer and autumn of 1813, while the British commander, Sir Thomas Hardy, with his fleet, had the port of New London, Conn., blockaded, Commodore Decatur made several futile attempts to escape therefrom with his fleet, consisting of the frigates *United States* and *Macedonian* and the sloop-of-war *Hornet*. Decatur claimed that his failure was due to the fact that blue signal lights were flashed from the shore toward the British. The friends of the British and the opponents of the war became known as Blue-Light Federalists.

Blue Sky Laws.—A popular designation applied to the several state laws regulating the sale of securities of industrial or railroad companies to the public. The first act of the kind was passed by Kansas in 1911 and amended in many particulars in 1913. Those of the other states are based upon the Kansas law and follow its general outline. The definite objects are (1) to define and provide for the registration, regulation and supervision of foreign and domestic investment companies and their agents and representatives; (2) to regulate corporations and associations selling the stocks, bonds or other securities issued by such investment companies; (3) to protect the purchasers of securities issued by such concerns; (4) to prevent fraud in the selling of such securities; and (5) to create some governmental authority to supervise such companies and otherwise administer the provisions of the law. The Kansas law applies to every person, corporation, copartnership, or association (with the exception of banks and trust companies and building and loan associations) which offers or negotiates for the sale of or to take subscriptions for, or to sell, any stocks, bonds, or other securities (except government, state and municipal bonds, national bank stock, building and loan stock, or shares in corporations not organized for profit) to any person in the State. Brokers and investment companies must obtain licenses or permits from the Bank Commissioner and file (1) an itemized statement of their financial condition; (2) a copy of all contracts, stocks and bonds or other securities which they propose to make or sell; (3) sample copies of all literature or advertising matter to be used in the sale of securities; (4) a copy of any charter or constitution and by-laws under which they do business. Any misrepresentation of the condition of the corporations whose securities are offered for sale is made a felony, punishable by $10,000 fine and ten years in prison. In some states brokers are required to furnish evidence of their good character and financial standing, and permission to do business may be revoked if the official in charge of enforcing the law decides that unsound securities are being offered for sale.

Besides Kansas the following states have enacted Blue Sky Laws: Arizona, Arkansas, California, Florida, Idaho, Iowa, Maine, Michigan, Missouri, Montana, Nebraska, North Carolina, North Dakota, Ohio, Oregon, South Dakota, Vermont and West Virginia. A similar law was defeated in the New York legislature in 1912-13, and Minnesota has a statute applicable only to the securities of insurance companies.

Bluefields, (See Mosquito Indian Strip.)

Board of Food and Drug Inspection. (See Food and Drug Inspection, Board of.)

Board of Health. (See National Board of Health.)

Board of Ordnance and Fortification. (See Ordnance and Fortification, Board of.)

Board of Trade and Plantations.—In 1660 Charles II. established two separate councils, one for trade and the other for foreign plantations. For a time these were united (from 1672 to 1675). The charter of Rhode Island and Providence Plantations was secured from Charles II., July 8, 1663, by John Clarke, who acted as agent for the Colony. This charter continued in force 180 years. In 1695 the Board of Trade and Plantations was established and given charge of the English Colonies in America. In 1768 a Secretary of State for America was established, and the duties of the board were transferred to him.

Boatswain.—A minor ship officer having charge of ship equipment.

Boca del Toro, United States of Colombia, vessels from, tonnage duty on, suspended, 4895.

Boche.—A term of uncertain origin, applied contemptuously in the European War to the German soldiers.

Body of Liberties.—A bill of rights consisting of a code of 100 fundamental laws setting forth the sacredness of life, liberty, property and reputation. The Body of Liberties was compiled by Nathaniel Ward, pastor of the church at Ipswich, Mass., from drafts submitted. A copy of these laws was sent to every town within the jurisdiction of Massachusetts to be first considered by the magistrates and elders, and then to be published by the constables, "that if any man saw anything to be altered he might communicate his thoughts to some of the deputies." In December, 1641, the General Court of Massachusetts adopted this fundamental code as the basis of common law, there having been up to that time no written law in the Colony.

Boer War.—The conflict between Great Britain and the South African republics of Transvaal and the Orange Free State. Following the organization of the Transvaal Republic the British claimed suzerainty over the country, and sent a governor and a military force to support their claims in 1879. The Boers, who were descendants of Dutch colonists, offered military resistance and defeated the British troops in several engagements, notably at Laing's Neck, Jan. 28, 1881, and at Majuba

Hill, Feb. 27, 1881. In March, the independence of the Republic was acknowledged by a British treaty, and the Boers acknowledged the suzerainty of the Queen of England.

During the following years British settlers, or uitlanders, protested to their home government that they were harshly treated by the local authorities. British military forces were increased and the incensed Boers demanded the instant withdrawal of all troops. The Orange Free State supported the Transvaal in opposing British authority.

In October, 1899, 10,000 British forces were concentrated at Ladysmith, in Natal, at the junction of two railroads, one running into the Transvaal, the other into the Orange Free State. Here they were besieged by the Boers until they were relieved by the British General Buller, Feb. 28, 1900. Other British forces were besieged in Kimberley, in Cape Colony, from Oct. 20, 1899 to Feb. 15, 1900, and in Mafeking, Bechuanaland, from October, 1899, to May 16, 1900. Attempts to relieve these positions occasioned the principal battles of the war. In 1899 General Sir Redvers Buller had 54,000 troops in the country. He made three futile attempts to relieve Ladysmith, and was severely defeated while attempting to force the Tugela river near Colenso, Dec. 15, 1899. In January, 1900, Lord Roberts was ordered to South Africa with the whole Seventh Army Division, of 100,000 men, with Lord Kitchener as chief of staff. Under his direction Gen. French, with 5,000 British, relieved Kimberley. The Boer general Cronje, with 5,000 men, surrendered at Paardeeberg, in the bed of the Modder River, Feb. 27, 1900. Bloemfontein surrendered to Lord Roberts March 15, Presidents Steyn and Kruger escaping to the north. General DeWet continued to harass the British, and cut off the water supply of Bloemfontein. The Boer general, Joubert, died March 27th and was succeeded by Louis Botha. June 5th, Roberts occupied Pretoria. By establishing a system of block signal houses throughout the country and driving the inhabitants into concentration camps the British finally succeeded in forcing the Boers to surrender. Peace was signed May 31, 1902.

American interest in the Boer War is shown by the fact that the Senate vote on Mr. Pettigrew's resolution of sympathy with the Boers was 20 in favor of to 29 against. The South African republics officially appealed to the United States to intervene, with a view to the cessation of hostilities early in 1900. President McKinley, however, refused to interfere.

The Boer force during the war was about 75,000. The total British force sent to South Africa from Aug. 1, 1899, to May 31, 1902, was 396,000. The cost of the war to England was more than a billion dollars and 20,000 men. (See illustration opposite 6389.)

Boer War, attitude of the United States in, 6371, 6410, 6429.

Bohemia. (See Czecho-Slovakia.)

Boisé City, Idaho, mentioned, 6816.

Bokhara. — Before 1917, a Russian dependency in central Asia, lying between 41° 30′ and 36° 40′ north and between longitude 61° 40′ and 73° east, and bounded on the north by the Russian provinces of Syr-Daria and Samarkand, on the east by the province of Ferghana, on the south by Afghanistan and on the southwest by the Russian transcaspian province and the Khanat of Khiva. It has a population of about 2,000,000 and an area of 83,000 square miles.

The religion is Mahommedan. The chief town is Bokhara, with a population of some 75,000. There is some agriculture and cattle-raising, and gold, salt and sulphur deposits have been found. The Trans-Caspian Railroad runs through Bokhara and there is some steam navigation on the Oxus River.

History.—The modern State of Bokhara was founded by the Uzbegs in the fifteenth century. The dynasty of Manguts, to which the present ruler belongs, dates from the eighteenth century. Mir Muzaffar-eddin in 1866 proclaimed a holy war against the Russians, who thereupon invaded his dominions and forced him to sign a treaty ceding the territory now forming the Russian district of Syr-Daria, to consent to a war indemnity, and to permit Russian trade. In 1873 a further treaty was signed by virtue of which no foreigner is admitted to Bokhara without a Russian passport, making the State practically a Russian dependency. By this treaty also merchandise belonging to Russian traders, whether imported or exported, paid a duty of 2½ per cent *ad valorem*, and no other duty could be levied on Russian goods, which were exempt also from transit duty.

Bolivia.—A republic of South America. It extends between 10° and 22° S. lat. and 58° and 69° W. longitude in the west centre of South America. It has no seaboard and is bounded on the north and east by Brazil, on the west by Peru and Chile, and on the south by Argentina and Paraguay. The boundaries have been settled by treaties with its territorial neighbors. Of the total population about one-half are Indians and 500,000 of mixed Spanish-Indian, Spanish-Negro or Negro-Indian descent.

Physical Features.—Bolivia slopes eastwards from the Andes, which form the western boundary with Peru, and occupy the greater portion of the south and west of the republic. In the north and east are plains, that of the south-east being a portion of the Gran Chaco of Argentina.

The waters rising in the eastern slopes of the Andes are divided into a northern and southern system by a lofty plateau in Chuquisaca. Those of the north form the rivers Grande-Mamoré and Beni. Those of the south form the upper waters of the Pilcomayo. The western boundary crosses Lake Titicaca (nearly 13,000 feet above sea level), which is joined by the river Desaguadero to a chain of salt lakes in the Pampa Aullagas further south.

AREA AND POPULATION

Departments & Capitals	Sq. Miles	Population Est.
Chuquisaca (Sucre)	36,132	333,000
Cochabamba (Cochabamba)	25,288	535,000
El Beni (Trinidad).....	95,354	52,000
El Chaco (Yacuiba)....	46,561	13,000
La Paz (La Paz).....	40,686	726,000
Oruro (Oruro)	20,657	141,000
Potosi (Potosi)	45,031	531,000
Santa Cruz (Santa Cruz)	144,941	342,000
Tarija (Tarija)	31,567	165,000
Territories (Cobija)	27,938	52,000
Totals	514,155	2,890,000

About 50 per cent of the population in 1900 was Indian; about 27 per cent was mixed; and about 13 per cent was white, with 10 per cent unclassified. In that

year, some 565,000 persons were engaged in agriculture and 400,000 in industries. The State Religion is Roman Catholic.

History.—Bolivia was formerly a Spanish possession. It became independent in 1825 and united with Peru from 1836 to 1839. The country consists of 10 departments and territories, governed by a President and two Houses of Congress, with a constitution modeled after that of the United States. Revolutions have frequently occurred. From 1879 to 1883 Bolivia and Peru were united in a war against Chile. The result was disastrous to the allies, and Chile became possessed of all the western seacoast, including the niter districts of Bolivia.

Government.—The government is that of a democratic Republic under a modification (dated Oct. 28, 1880) of the fundamental law of Aug. 6, 1825, at which date Bolivia declared its independence of Spain. The Republic was previously comprised in the Spanish Vice-Royalty of Alto-Peru, and derives its present name from its liberator, Simon Bolivar.

The Executive is entrusted to a President (elected for four years by direct popular vote and ineligible for re-election), aided by two Vice-Presidents, and a Cabinet of six members.

Congress consists of the Senate and Chamber of Deputies. The Senate of sixteen members, two from each province, is elected by direct vote for six years, one-third retiring every two years. The Chamber of Deputies, of seventy delegates, is elected by direct vote for four years, one-half retiring every two years. Congress meets annually on August 6th, for 60 to 90 days.

The suffrage is restricted to the literate.

There is a Supreme Court at the capital, with seven judges appointed by Congress for ten years, and eight district courts at the provincial capitals.

Each of the eight Departments is administered by a Prefect, under whom are sub-prefects, corregidores and alcaldes. The larger municipalities are governed by councils, the smaller by boards or appointed agents. The Territories are administered by a national delegation of three.

The prefects and sub-prefects of the Departments are chosen by the President.

Army.—By a law of Jan., 1907, service in the Army (militia) is universal and compulsory between the ages of 20 and 50. Service in the Active Militia is for five years with five years in the Reserve, and ten years in the Territorial Guard. The law of December 15, 1915, provided for a permanent army of some 4,000. The War Establishment would probably be in the neighborhood of 100,000.

Education.—Primary education is free and nominally compulsory, but is confined to the municipalities, which are the controlling authorities. In 1915, there were 55,000 students. Secondary education reaches only about 1,500 pupils; for higher education there are university colleges, special schools and technical institutes.

Debt.—The latest figures of the Bolivian debt are as follows:

Foreign—	
Morgan Loan Outstanding	$ 1,500,000
French Loan of 1910	5,000,000
French Loan of 1913	4,500,000
Other	5,000,000
Internal Debt	8,650,000
Floating Debt	2,400,000
Total	27,050,000

The annual revenue is about $15,000,000

Production and Industry.—About 500,000 (one-fourth of the population) live by agriculture and pastoral pursuits, the total area under cultivation being about 5,000,000 acres. The *puñas* provide excellent grazing for large herds of llama vicuña, and alpaca, and cinchona bark is produced from the trees in that region. The forest-clad plains and the lowest slopes of the Andes produce rubber, cotton, indigo, tropical fruits and medicinal herbs. However, agriculture is largely primitive. Wheat, maize, barley and potatoes are produced, and coffee, cocoa, and quina are produced for exportation.

Bolivia ranks after Brazil as the leading rubber-producing state, more than 5,000 metric tons being exported in a recent year.

Bolivia ranks as the leading producer of tin in the world, after the Malay Peninsula. In a recent year, the value of the tin exports was $34,000,000. There are also deposits of salt, petroleum, copper, wolfram, etc.

The most recent figures give $10,000,000 as the value of the imports and $60,000,000 as the value of the exports. The United States and the United Kingdom are the chief countries of trade.

Transportation.—There are about 1,400 miles of trunk lines of railway in operation, 320 post offices and 200 telegraph offices with 400 miles of line.

Towns.—Capital, Sucre, in Chuquisaca, situated about 10,000 feet above sea level, named after a victorious general in the War of Independence of 1824. Population, 24,000. The great trading centre and seat of government is La Paz, population 80,000. Other towns are Cochabamba, Potosi, Oruro, Santa Cruz, and Tarija.

Weights, Measures and Currency.—The Metric System of Weights and Measures is prescribed by law, but some of the old Spanish standards are still employed in practice.

The Unit of Currency is the *boliviano* of 100 *centavos*, worth (legal value) $0.38.9.

Trade with the United States.—The value of merchandise exported annually to Bolivia from the United States in recent years has been in the neighborhood of $60,000,000, as compared with imports from Bolivia around the value of $13,000,000.

Bolivia (see also Peru-Bolivia Confederation):
Diplomatic relations with, 5468, 6364, Resumed, 4449, 4562.
Insurrection in, discussed, 6364.
Peru, boundary dispute with, arbitration of, discussed, 7414.
Treaty with (3111).
Ratification of amendments to, recommendation regarding, 3260.
War between Chile, Peru, and, 4522, 4563, 4628, 4717.
Claims of United States arising out of, 4913, 5083, 5369, 5544.
Conditions of peace presented by Chile discussed, 4662, 4717, 4760.
Efforts of United States to bring about peace, discussed, 4522, 4563, 4582, 4662, 4717.
Negotiations for restoration of peace, 4676.
Terminated, 4822, 6364.
Treaty of peace discussed, 4760.

Bolivia, Treaties with.—May 13, 1858, a treaty of peace, friendship, commerce and navigation was concluded with Bolivia. This contained the favored-nation clause, defined neutral rights, contraband of war, rights of citizens in case of war, forbade confiscation or the granting of letters of marque, and opened the Amazon River and its tributaries to navigation by ships of the United States. A previous convention with the Peru-Bolivian confederacy was terminated by the alliance in 1839. An extradition convention was concluded in 1900. (See Extradition.)

Bollman Case.—An important Supreme Court case in which treason is defined and the authority of the Supreme Court to issue writs of *habeas corpus ad subjicicndum* is maintained. Bollman was charged with being implicated in a treasonable attempt to levy war upon the United States, in that he had joined Aaron Burr in a scheme to establish an independent State in the southwest in 1805. It was decided that a mere conspiracy to subvert the Government by force is not treason, an actual levying of war being necessary. The court held that the crime with which the prisoners Bollman and Swartwout stood charged had not been committed, and they were discharged.

Boll Weevil, attention called to, 6802.

Bolshevism.—The beginning of the modern "scientific" Socialist movement, as distinct from earlier utopian and communist thought, is usually placed as 1848, the year in which the *Communist Manifesto* of Karl Marx and Friedrich Engels was published. In 1863, the Social Democratic Party of Germany was definitely organized, and in the following year, the first "Internationale," the international Socialist and Labor organization. It was therefore inevitable that in the latter quarter of the nineteenth century the seeds of Socialism should begin to sprout in Russian soil.

The earlier organized revolutionists in Russia were under the influence of anarchist, rather than of Socialist, thought, but by 1879, Marxian Socialism, under the leadership of Plechanof, became established in Russia. But Marx's conclusions had been based on the premise of the existence of a highly-organized industrial state, and Russia by the twentieth century was still an economically undeveloped land, given over almost entirely to agriculture, and with a population largely illiterate. It was hence natural that by the twentieth century there should arise in Russia a group of Socialists who had broken away from the doctrines of Marx, desired to see Socialism advanced by evolution rather than by revolution, were willing to cooperate toward that end with the non-Socialist liberal elements in Russia, and, in particular, were anxious to continue private rather than state ownership of the land of Russia. This group became organized in 1901 into the Socialist Revolutionary Party. The leaders of its conservative or Right wing were Chernoff and Madame Breshkovsky (and after 1916, Kerenski); the leader of its radical or Left wing was Marie Spiridonova. Its followers were naturally chiefly among the peasants.

The Socialists who remained faithful to orthodox or Marxian Socialism in Russia were organized in 1898 into the Social Democratic Party. Its support came chiefly from the industrial workers of the towns, who increased greatly in number as industrialism advanced by leaps and bounds in Russia during the first years of the twentieth century. At the convention of the Social Democratic Party in 1903—which naturally was held outside of Russia—the party split into two factions on the question of the degree of centralization to be favored both in the Socialist state when established and also in the administration of the Social Democratic Party. The faction opposing a high degree of centralization became known as the Mensheviki, from the Russian word meaning "less": its leaders were Plechanof and Martoff. The larger faction favoring a high degree of centralization became known as the Bolsheviki, from the Russian word meaning "more." The outstanding leader of the Bolsheviki for many years was Nikolai Lenin, born of the old Russian nobility about 1870, and well known also as an economist and statistician. He was later joined in the leadership by Leon Trotski, who headed the St. Petersburg council of soldiers' and workers' delegates (Soviet) in the abortive revolution in Russia in 1905.

After the Russian Revolution of March, 1917 (for details consult Russia, *Russian Revolution*), the Bolshevist leaders returned from exile, and immediately began to agitate against the coalition liberal government of Prince Lvoff and Professor Miliukoff which took the helm of the world's newest republic. Their activities were centered largely in the Petrograd Council of Soldiers', Workers' and Peasants' delegates, or *Soviet*. It was not long before the true source of authority in Russia was the Soviet, and before the central Government was in much the same relation to the Petrograd Soviet as the British Government to the British Parliament. In July, 1917, the Lvoff Government fell; it was succeeded by a coalition Government under Kerenski, who, as we have seen, was a moderate Socialist.

But the Bolsheviki were opposed also to the Kerenski Government. Fundamentally, they were insistent that there should be established at once in Russia the framework of a Socialist state as outlined by Marx—in other words, a non-compromising dictatorship of the proletariat (workers). Their opposition centered chiefly around peace and immediate distribution of the land to the peasants. For Kerenski was bent on continuing the war against the Central Powers and on delaying the distribution of the land until exact, scientific and equitable methods could be arranged. On these two issues, the Bolsheviki had little difficulty in weakening the Kerenski government and finally in overthrowing it in November, 1917.

The antagonism of the governments of the great nations of the world to Bolshevism, and their blockade of, if not open war upon, Bolshevist Russia have made it almost impossible to determine the truth about Bolshevist rule in Russia. It is all the more difficult to ascertain the truth because of the fact that most speakers and writers on Bolshevist Russia are avowedly either pro-Bolshevist or anti-Bolshevist propagandists. The following facts, however, seem to be established:

Class Government.—Frankly repudiating the principle of political democracy, the Bolshevist principle is that only workers are entitled to share in the management of the country. However, it is to be noted that by "workers" the Bolsheviki mean all those who perform useful service either by hand or by brain. The Bolsheviki do not intend thus permanently to disenfranchise certain elements of the population, but to apply the rule of "No work, no eat" until all elements come under the category of "workers." At

first, the Bolsheviki rigidly excluded from the franchise all employers and all deriving income from property or investments, but by the early months of 1919 that disenfranchisement had been modified to an extent.

Bolshevist Administration.—The key-note of the Bolshevist philosophy is a belief that years of repression and illiteracy have rendered the Russian peasant unable to govern himself, and that the principles of political democracy will not be applicable in Russia until education and opportunity for independent thought permit the great mass of the Russian people to think and act intelligently for their own welfare. In the meantime, the minority of the workers who alone at present have the foresight to govern the country for the interests of the working-class must assume authority and maintain themselves against opposition until their benevolent despotism has educated the masses to the point of intelligent self-government. To maintain this benevolent despotism, the Bolshevist regime uses all means possible; and thus the features of this regime vary markedly from period to period in accordance with the exigencies of the existing situation. Thus the Bolsheviki refused to permit the convocation of the anti-Bolshevist Constituent Assembly, which had been elected before the advent of the Bolsheviki to power. Theoretically, the administration is at all times responsible to the Central Soviet and its executive council.

Bolshevist Repression.—Regarding Soviet Russia as inevitably opposed by all non-Socialist states, the Bolsheviki have maintained in the internal administration of the territory under their rule strict limitations upon the rights of free speech, free press and free assembly. Criticism of the details or of the personnel of the Bolshevist regime seems to be permitted, but criticism of the principles of Bolshevism itself is rigidly suppressed. The Bolsheviki have suppressed papers, have imprisoned opponents and have executed enemies, and among those who have suffered have been non-Bolshevist Socialists, many of whom had suffered severely for their revolutionary activities under the Russia of the Tsar. However, there are many indications that the "Red Terror" was at its fiercest in days when the Bolsheviki felt themselves slipping from power, and especially after an attempt on the life of Lenin; and that its ruthlessness was less marked in 1919 than in 1918. The Bolsheviki apply firmly the principle of conscription in order to maintain the strength of the "Red Army."

The Orthodoxy of Bolshevist Thought.—The Bolsheviki themselves maintain that Bolshevism is good Socialism. But all over the world Socialists believe to so great an extent in achieving Socialism primarily by the verdict of the majority at the ballot-box that in Socialist circles the term "Communism" is usually applied to the practices of Soviet Russia. (See Communism.) The dictatorship of the proletariat was the method favored by Karl Marx to achieve the "cooperative commonwealth," but Marx's premises were based on the inevitable growth of society into two classes, bourgeoisie and proletariat, in a highly industrialized society; so that the Bolsheviki may be said to have applied the method of orthodox socialism to unorthodox conditions. Practically all property in Soviet Russia has been nationalized for the public use, and to that extent communist principles have been followed; but instead of communism in wages, all workers have been divided into some thirty groups, with the wages in lowest group one-fourth of those in the highest, the group of the teachers. Bolshevism compels the individual to bow to the decrees of the government, and thus is not to be described as Anarchism.

The Strength of the Bolsheviki.—Most observers agree that support of the Bolsheviki is lukewarm among the great mass of the Russian peasants, who form the overwhelming majority of the population of Russia and who seem to be far less interested in the problems of the Government of Russia than in the ownership of the land. The Bolshevists, therefore, are supported chiefly by the town-dwellers, but there is almost general agreement that even many of these support the Bolsheviki only while Soviet Russia is being attacked by other countries, notably the Japanese. For the Japanese are hated in Russia with an intensity which can hardly be comprehended. Similarly, many non-Bolshevist Socialists, such as Maxim Gorki, support the Bolshevist Government only because they prefer it to a restoration of the monarchy, which they fear if the Bolshevist Government falls before the attacks of monarchist leaders supported by the great Powers. Even the Bolshevist leaders themselves are reported to have confessed that the rigidity of Bolshevism could not be continued in Russia, and that if Russia could once feel herself free from the danger of foreign invasion and of foreign commercial blockades, the Bolshevist regime would either have to move toward greater moderation or be overthrown by the Russian people itself.

By 1920, the Bolshevist government had removed the capital of Russia from Petrograd to Moscow, although it retained its hold on the former capital. Nationalistic movements for independence in the old empire of the Tsar had detached Finland, the Baltic Provinces (Courland and Livonia, combined in 1919 into Latvia, and Esthonia), Lithuania, Poland, Ukraine, the Caucasus and certain sections of the Trans-Caspian territory. In addition, native rebels against the Bolshevist regime had succeeded in detaching from the sway of the Bolsheviki all of Siberia except the western part, while Japanese and Czecho-Slovak troops occupied the eastern sections of Siberia. Troops of the Entente Allies and the United States had occupied also the Murman Coast and other northern sections of Russia proper, although by 1920 they had left the control of this section to an administration of native Russians which they had set up for that purpose.

The Soviet.—The Soviet, the unit of the Bolshevist government, is a council of delegates from the peasants, workmen and soldiers. Elections are by trade or working affiliation, and thus the local soviet is not unlike the local trades assembly or central body of labor unions which exist in most American cities. Local soviets elect delegates to district soviets, which thus become much like the executive council of an American State Federation of Labor and State Farmers' Grange combined. The district soviets select the delegates to the Central Soviet at Moscow, which in theory is the true source of the government, which has to approve all the important decisions of the Government, and which holds the right of recall over the individual officials of the Government. Between the meetings of this Central Soviet or All-Russian Congress of Soviets, it is represented by an executive committee. The administrative body, or working government headed by Lenin, is thus far removed from direct contact with the mass of the people of Russia. Elections to the local soviets are often held directly in the workshop or on the farm, since in

such elections non-workers are without the right to vote.

Russia under the Bolsheviki.—There is far too little material at hand to describe with confidence the details of the Bolshevist government in Russia and much of this has later been found to be inaccurate or propagandist in nature. There can be no denial, however, that under the Bolshevist regime Russia has been economically prostrated and that the suffering because of want has been wide-spread. Of course, there is no way to determine to what extent this suffering has been due to the inefficiency of the Bolshevist program, and to what extent to the fact that almost three years of war, added to many previous years of corruption and maladministration under the Tsars, had already made the economic prostration of Russia inevitable. Indeed, the success of the Revolution of March, 1917, was due largely to the fact that the people had become desperate because of the scarcity of food. In addition, the Allies and the United States imposed a strict and effective blockade on Bolshevist Russia, so that Russia was unable to receive from foreign sources even the quantity of machinery, medicines, minerals, coal, woven goods, and food which had been shipped to Russia in the pre-war and even in the pre-Bolshevist days. The necessity for maintaining an army to repel attacks by the Entente Allies and by native Russian leaders supported by the Allies also accounted for much of Russia's potential effort in supplying capital, labor, transportation, food and clothing, etc.

It is known, however, that insofar as the industries continue to function, they function in most cases as the property of the nation. To a great extent each industry is controlled by the workers in it, rather than by the Central Government. A great many sections, especially those removed from the heart of Russia, hold but loosely to the Bolshevist government, and for practical purposes govern themselves through their local soviets with little interference from, or consultation with, Moscow.

So long as foreign and rebel armies were waging war upon Bolshevist Russia, its government adopted the policy of sacrificing everything necessary to the maintenance of the strength of the Red Army. The soldiers were clothed, fed and housed far better than the civilian population, with the natural result of placing many men involuntarily in the army and of keeping there many who had been impressed by conscription. The Bolsheviki seem to have devoted much attention to the furtherance of education, and thousands of new schools were established in 1918 and 1919, while in many cases educators and artists are high within the counsels of the Government. Naturally, the official connection between church and state was ended by the Revolution of March, 1917, and all state aid to religious bodies has been ended, although there is freedom for individual or group worship and tolerance for all creeds. Similarly, the restrictions upon the Jews have been completely removed. Disabilities upon women because of sex have been ended, political so well as social and economic disabilities, and divorce has been made accessible by the consent of the married parties. In the large cities food is carefully rationed, and is obtainable only by meal tickets issued by the Government.

Outside of Russia.—The only other country to fall under the sway of Bolshevism by 1920 was Hungary, the Magyar remnant of the Austro-Hungarian Empire which perished in November, 1918; but in the summer of 1919 the Bolshevist regime there, under Bela Kun, was overthrown. Bolshevism in Hungary showed certain divergencies from Bolshevism in Russia, but in essentials was the same, especially in its lack of support from the mass of the people outside of the urban population. In Germany, the Bolshevist elements, known there as Spartacides, attempted to control the Government soon after the overthrow of the monarchy, but by the summer of 1919 had been effectively put down, and had not re-appeared in strength by 1920. The Socialist government of Germany, as well as that of some of the German states like Bavaria, was conservative and anti-Bolshevist, as was that of Austria. In Italy, the Socialist movement is more definitely controlled by the radical wing than in France, Great Britain or Belgium. By 1920, Bolshevist elements had shown little strength in Poland, Czecho-Slovakia, Jugo-Slavia or Roumania, but seemed to be threatening in Bulgaria and Spain. In the United States the Socialist Party has officially taken a stand opposing Bolshevist tactics in the United States, which resulted in the withdrawal of the Bolshevist elements in order to form the Communist and Communist Labor Parties. The I. W. W. in the United States stand entirely for industrial action, as apart from a dictatorship of the proletariat organized politically into a government.

The spread of Bolshevism has naturally resulted in the loose and unfair application of the term to all radicals and to all who favor fundamental changes in the system and structure by which present-day society is organized. It is to be noted, however, that only those favoring the Bolshevist principle and practices as outlined above are correctly to be designated as .Bolshevists and that many persons believe that Bolshevism is the most desirable form of government for Russia without believing it desirable for their own countries.

Bolshevism, menace of, discussed, 8685. (See also Russia.)

Bonded Debt. (See Debt, Public.)

Bonds.—In a legal sense an obligation in writing and under seal whereby one party binds himself to pay a sum of money to another at a certain time, and usually bearing a specified rate of interest. The security for the payment of the bonded indebtedness is generally a mortgage on productive property. The mortgage is placed in the hands of a third party as trustee to whom the bondholders may apply for foreclosure in the event of failure to pay interest or principal. The entire mortgage is then divided into separate bonds of (usually) $1,000 each and sold to separate investors. When issued to creditors named they are registered on the books of the company issuing them and their ownership is a matter of record. When made payable to bearer, coupons are attached in the form of notes falling due at the several interest periods, and are made payable at the company's offices or at a bank or by the trustee.

Bonds issued by governments are not based upon any mortgage, but upon the integrity of the government and its ability to collect sufficient funds from its subjects to pay interest and principal. In case of default by a government in the payment of its bonds recourse may be had to the attachment of the revenues. This course has been followed in the case of some of the smaller republics of South and Central America. (See Debt, Public.)

Bonds of United States (see also Debt, Public; Loans):
Authority vested in Secretary of Treasury to issue, recommendations regarding, 5877.
Discussed. (See Debt, Public, discussed.)
Issuance of, discussed and recommendations regarding, 5877, 5985, 5993, 5999, 6074, 6076, 6077, 6175.
Purchase of, with Treasury surplus recommended, 3985.

Bonhomme Richard, The.—An old East India merchantman fitted up as a man-of-war by the French at L'Orient in 1779. It was one of five fitted out by the French at the suggestion of Benjamin Franklin, and christened in his honor *Bonhomme Richard,* or Good-Man Richard. She was commanded by John Paul Jones, an American officer, and carried American colors. She was accompanied by two French vessels. They attempted to enter the harbor of Leith, Scotland, but storms prevented. Off Flamborough Head, Sept. 23, 1779, the fleet encountered a British merchant fleet convoyed by the *Serapis* and *Countess of Scarborough.* The larger war ship, the *Serapis,* though much superior in every respect to the *Bonhomme Richard,* was fiercely attacked by the latter. The conflict took place by moonlight, in the presence of thousands of spectators. Jones lashed the *Serapis's* bowsprit to the *Richard's* mizzenmast and raked her deck with musketry. Broadside answered broadside in one of the most stubbornly contested battles in the history of naval warfare. The engagement lasted three hours. Finally a bucketful of hand grenades thrown down the hatchway of the *Serapis* caused her commander to surrender. Jones transferred his crew to the conquered ship, and the *Bonhomme Richard* sank in a few hours.

For picture of the conflict, see opposite 346.

Book Production, United States.— Figures of the number of books published in the United States for the most recent year for which figures are available are shown in the adjoining table. The classification into the various subjects is the international one. In studying the table, it should be remembered that only in recent years have pamphlets been excluded from the book classification. For the greater part of the twenty-year period for which figures are given pamphlets were included in the figures for books.

Germany leads the world in the number of books produced, but the German category of "Books," unlike the usual British and American method at the present time, includes pamphlets.

In the figures in the adjoining table, new editions of books previously published are counted as new books. It should be observed also that there have been changes in the classification during the twenty-year period, as shown by the notes.

	Published in—			
Classification	*Recent Year*	*1916*	*1912*	*Last 20 Yrs.*
Fiction	904	932	1,010	25,130
Religion, Theology	695	755	916	15,421
General Literature	339	461	524	13,605
Poetry, Drama.	500	860	656	12,273
Sociology, Economics	846	767	867	12,026
Juvenile	433	670	546	11,748
Science	586	639	695	10,853
Law	204	274	862	10,513
History	612	754	524	10,243
Biography, Genealogy	265	469	581	9,818
Applied Science and Engineering	507	595	674	9,060
Medicine, Hygiene	401	516	495	8,584
Education[1]	244	324	254	8,453
Geography, Travel	146	354	504	7,271
Fine Arts	98	238	243	4,525
Philosophy ...	266	322	321	4,306
Agriculture[2] ..	407	383	305	3,327
Domestic Economy	98	157	110	2,809
Philology[2]	250	259	294	2,568
Business[2]	337	272	210	2,304
Games, Sports.	64	127	132	2,106
Music[2]	63	113	95	817
Military and Naval[3]	80	94	...	735
General, Miscellaneous ..	49	110	110	2,291
Totals 8,594		10,445	10,928	191,007

[1] The total for the twenty-year period includes books now in other categories. [2] A separate classification only since 1911. [3] New classification in 1916.

Boonville (Mo.), Battle of.—When President Lincoln's call for troops, April 15, 1861, reached Governor Jackson, of Missouri, he refused to furnish the four regiments forming the quota of the state. Francis P. Blair, Jr., had, however, organized, under the military command of Nathaniel Lyon, five regiments, and these were mustered in immediately, Lyon being made brigadier-general. When another Missouri brigade had been formed, May 8, Lyon was put in command of the department. Meantime Governor Jackson ordered the state militia to camp at St. Louis. May 10 Gen. Lyon surrounded the camp, and on its surrender by Gen. Frost paroled the men, 700 in number. June 15 he occupied Jefferson City, the governor fleeing to Boonville. Lyon followed. On June 17 he dispersed the state troops collected there.

Bootleggers, misdeeds of, 7014.

Boots and Shoes Industry. (See Leather Industry.)

Border States.—A designation for the several slave states of Delaware, Maryland, Virginia, Kentucky and Missouri, lying next to the free states, and sometimes including Arkansas, North Carolina and Tennessee. Many people of these states were anxious, both during and before the Civil War, for an amicable adjustment of the slavery question. They originated the Peace Conference of 1861.

Borneo.—A large island in Malaysia. It is situated in the Indian Archipelago, bounded on the east by the Sea of Celebes and the Macassar Strait, on the south by the Sea of Java, and on the west and north by the China Sea.

History.—It was first visited by the Portuguese in 1518. Borneo has an area of about 213,000 square miles and a population of more than 2,000,000. The northern part is in the hands of the British, but the greater part of the island belongs to Holland.

British Borneo comprises British North Borneo, Brunei and Sarawak. The area of British North Borneo is about 31,000 square miles, with a population of some 215,000. It is under the jurisdiction of the British North Borneo Company, and is administered by a Governor appointed with the approval of the British Secretary of State. Most of the trade is with Great Britain and British colonies through Hongkong and Singapore. The chief products are timber, sago, rice, cocoanuts and tobacco, which is being planted on a large scale.

The area of Brunei is about 4,000 square miles and the population, about 30,000. By treaty of 1906, the Sultan handed over the administration to a British resident.

Sarawak comprises some 42,000 square miles, with some 600,000 inhabitants. The chief towns are Kuching, the capital, and Sibu. The leading exports are rubber, oil, pepper and sago flour. There are large deposits of coal, and other minerals are found.

Dutch Borneo is part of the Dutch East Indies, all of which form one unit of colonial government administered by a Governor-general and council of five members, according to the regulations for the government of Dutch India, promulgated in 1854 and amended frequently since that date. Dutch Borneo is divided into the West Coast and the South and East District. The area of the former is about 56,000 square miles and population, about 550,000; the area of the latter is some 157,000 square miles, and the population, about 900,000.

Physical Features.—Two chains of mountains traverse the island in a nearly parallel direction from northeast to southwest.

Natural Products.—Vegetation grows luxuriantly and choice woods and spices are exported. The mineral wealth is great, gold, antimony, salt, petroleum, tin, copper, iron, and coal exist, but are not, as yet, largely worked.

Borneo, treaty with, 2688.

Borough.—A political division incorporated for municipal purposes, now prevailing in some of the states, as Connecticut, Minnesota, New Jersey and Pennsylvania. (See Pocket-Borough.)

Bosphorus.—The channel uniting the Black Sea with the Sea of Marmora and thence, through the Dardanelles (q. v.), with the Mediterranean. The Bosphorus is about 18 miles long with a width of from 2¾ miles to ½ mile. The inlet of the Bosphorus into the Sea of Marmora is known as the Golden Horn, on both banks of which Constantinople is situated.

Bosphorus, The, restrictions on passage of Straits of the Dardanelles and, by ships of other nations, 4078.

Boston:

Execution of laws for return of fugitive slaves forcibly resisted in, 2637.

Proclamation regarding, 2548.

Reference to, 2673.

Fire in, referred to by President Grant, 4138.

Industrial exposition at, discussed, 4773.

Navy-yard at, referred to, 4676.

Title of United States to land occupied as, referred to, 4698.

Police Strike in—

Condemned, 8796.

Illustration of, 8696.

Unlawful assemblages in, and proclamation against and authorization to employ force in suppressing, 2637, 2645.

Boston Agreement, combination of corporations in, 7195.

Boston, Cape Cod and New York Canal Company, possession and control of, proclaimed, 8553.

Boston Case.—The case of a fugitive slave who escaped from his owner in Georgia and took passage on the *Boston,* a vessel bound for the coast of Maine. The governor of Georgia charged the captain of the ship with stealing the slave and demanded that the governor of Maine restore the fugitive. This was refused. The legislature of Georgia then called upon Congress to pass a law compelling the governor of Maine to comply with such demand. No action was taken by Congress.

Boston, Evacuation of.—During the winter of 1776 Washington, having received some ordnance captured at Ticonderoga and a supply of ammunition taken by privateers at sea, determined to attack Boston, then occupied by the British. In pursuance of this plan he occupied Nooks Hill (an eminence at the extremity of Dorchester Neck) and Dorchester Heights, which commanded Nooks Hill, and the town itself. On the night of March 4, 1776, the heights were covered with breastworks, and the British were forced to risk a general action to dislodge them or abandon the town. They chose the latter alternative, and on March 17 the town and harbor were evacuated by the British army and navy without firing a gun.

Boston Fire referred to, 4138.

Boston Massacre.—The British navigation acts were a source of great annoyance and loss to the American colonists, and their execution was resisted at all points. Great Britain attempted to coerce the people into a compliance with the laws by sending Gen. Gage with three regiments to Boston in 1768. The presence of the troops further aggravated the people of Boston. During 1769 and the early part of 1770 numerous quarrels occurred between the citizens of Boston and British soldiers charged with the enforcement of the laws. In February, 1770, a press gang from the British frigate *Rose* boarded a ship belonging to a Mr. Hooper, of Marblehead, whereupon a riot ensued. On the night of March 5 following a large crowd responded to the ringing of the fire bells and came into collision with the soldiers. The latter fired, killing three persons and wounding several others. The soldiers were tried and acquitted, but the news of the Boston massacre spread rapidly and did much to strengthen the spirit of revolution among the people.

Boston Port Act.—An act of Parliament introduced by Lord North and passed March 7, 1774, in retaliation for the destruction of cargoes of tea in Boston Harbor. It

provided for the discontinuance of landing and discharging, loading or shipping of merchandise to or from the city of Boston or in Boston Harbor. Commerce was transferred to Salem and Marblehead, and Gen. Gage arrived in Boston, June 1, 1774, to enforce the law. The Boston people were indignant. Much sympathy was expressed for them throughout the Colonies. In many places people refused to buy British goods. Oct. 20, 1774, the American Association was formed, pledging the members to nonconsumption and nonintercourse with Great Britain, Ireland and the British West Indies. The Association included 52 members of the Continental Congress.

Boston Tea Party.—In 1767 Great Britain imposed a duty on tea sold in the American Colonies. The East India Company prevailed upon the ministry in 1773 to amend the act so as to relieve the company from paying the duty, thereby forcing the consumers to pay it. The colonists were indignant at this transfer of the tax from the company to themselves, and adopted various methods to evade payment. Nov. 28, 1773, a ship arrived in Boston harbor carrying 114 chests of tea, and early in December two others arrived. On the evening of December 16th an enthusiastic meeting was held at Faneuil Hall, and at its close between 50 and 60 men disguised as Indians took possession of the three ships and threw overboard the cargoes of tea, amounting in all to 342 chests. Seventeen chests were also destroyed in New York harbor about the same time. These events resulted in the passage of the Boston Port Act (*q. v.*) and were an important part of the train of causes of the American Revolution.

Boston, The, mentioned, 6297, 6367.

Boston, U. S. S., mentioned, 6766, 6767, 6769, 6771, 6835, 6836.

Boundaries.—The colonial boundaries of the United States were indefinite and often the subject of much dispute. The grants of territory in America were made by European rulers, who were careless or ignorant of the geography of the country. The Wyoming dispute between Connecticut and Pennsylvania, and the Western Reserve of the former in Ohio, are in evidence of the interminable wrangles created by these royal grants. The boundaries of the United States were agreed upon in 1783 at the treaty of Versailles. Congress then took up the question of the border lines between states and provided an elaborate mode of procedure, modeled after the Grenville Act of Great Britain. Since 1789 such cases, as well as all other matters between states, have been under the jurisdiction of the Supreme Court. In 1783 the northeast boundary of the United States was defined as extending from the source of the St. Croix River due north to the watershed between the St. Lawrence and the Atlantic, thence along the watershed to the northwesternmost head of the Connecticut River. After long and irritating disputes over the line, the Webster-Ashburton treaty was negotiated in 1842, fixing the boundary between the United States and British possessions on the present lines. The territory bounded on the north by latitude 54° 40′, on the east by the Rocky Mountains, on the south by latitude 42°, and on the west by the Pacific Ocean, has been variously claimed by Russia, Spain, Great Britain and the United States. By treaty with Russia Jan. 11, 1825, the United States were to make no settlements north of 54° 40′ and Russia none south of that line. By the treaty which ceded Florida in 1819 Spain relinquished all claims to anything north of latitude 42°. Though Great Britain had little claim to the territory, joint occupation was agreed upon by the treaty of Oct. 20, 1818, and this becoming unsatisfactory Great Britain was induced in 1846 to accept latitude 49° as the boundary between her possessions and the United States from the Rocky Mountains to the channel between Vancouver Island and the mainland. (For boundary disputes after 1846, see articles on Alaska, Gadsden Purchase and Mexican War.)

Boundary, Northern, islands in lakes and rivers on, 324.

Botanic Gardens.—West of the Capital in Washington is a broad stretch of land known as the Mall, extending to the Potomac River. The part of the Mall nearest the Capitol is called the Botanic Gardens. These contain great conservatories stored with rare plants. There is also a beautiful fountain, designed by Bartholdi. Further west along the Mall are the grounds of the National Museum, the Smithsonian Institution and the Department of Agriculture, under whose charge are the great propagating gardens. The Mall further extends to the Washington Monument.

Bounty.—A reward offered by a government to its citizens for enlistment in the Army or Navy; also for industrial or other achievements, as for building and operating ships. (See Sugar Bounty.)

Bounty-Jumper.—A soldier who deserts after enlisting for bounty.

Bounty Lands. (See Lands, Bounty.)

Bourbons.—The house of Bourbon is the family of kings that ruled France for over two hundred years, from 1589 to the time of the French revolution, 1791. One of their characteristics was an obstinate refusal to keep pace with events. Experience taught them nothing. This trait in their character has caused their name to be applied (in American political parlance) to any statesman or politician that clings to dead issues and refuses to accommodate himself to changes.

Boxer Rebellion. (See Boxers.)

Boxers.—The name popularly given to the Chinese anti-foreign secret society, Ih-hwo-Ch'uan, "Volunteer United Fists," who were largely responsible for the disturbances in that country in 1900. Excited by the progress of European civilization and Christianity in China they caused anti-foreign riots in various parts of the empire and massacred many missionaries, native converts and European merchants. On June 20th, they murdered the German minister, Baron Ketteler, and being joined by the Imperial troops besieged the foreigners and foreign ministers in the British legation in Peking until Aug. 13, when the siege was raised by a relief expedition from the allied fleets—Japanese, Russian, British, American and French. On May 29, 1901, China agreed to pay to the injured powers, Austria-Hungary, Belgium, France, Germany, Great Britain, Italy, Japan, The Netherlands, Russia and the United States, an indemnity amounting to 450,000,000 taels ($333,000,000) for injuries inflicted by the Boxers. This indemnity is to constitute a gold debt repayable in thirty-nine annual installments, due on Jan. 1 of each year up to 1941, interest at 4 per cent. to be payable

half-yearly. The securities for the debt are the Imperial Maritime Customs, otherwise unappropriated, increased to 5 per cent., *ad valorem*, the Navy Customs, and the Salt Tax otherwise unappropriated.

See illustration opposite 6261.

Boy Scouts of America.—The Boy Scout movement can be traced back to widely separated sources where constructive ideas came to boy workers and were tested with varying degrees of success. In America there were a number of originators of methods, plans and principles that have proved effective. In Great Britain, Lieut.-Gen. Sir Robert S. S. Baden-Powell became active in organization work based largely on the ideas and methods of American workers. He did this so successfully that the enrollment of British Boy Scouts soon grew into the hundred thousands, with the emphasis, not on the military note, but on peace virtues and learning practical trades. Then the movement spread to Germany, France, Italy, Australia and New Zealand, to Canada and the United States; to South American republics; in short, almost the world over, since it is already established in twenty-seven countries. Everywhere it has shown adaptation to new fields and nationalities.

In Germany the boys have engaged in the work with such enthusiasm and in such numbers that the Prussian and Bavarian authorities are giving the movement financial aid. But it has been left to the United States to show what the system of scouting can accomplish, when it returns to the lands in which the larger number of its working ideas and principles originated. While the number of the Boy Scouts enrolled throughout the world is estimated as not less than two million, one-sixth of the whole number are in the United States. The emphasis and ideals of the movement belong here also to the highest plans—that of efficient citizenship, service and character-building.

A group of men, representing the various religious and civic organizations of the community that are engaged in boys' work, are brought together as a local council for the promotion of Scout work. This local council receives a charter from the national organization, giving them full authority to deal with all questions relating to scouting in that district and to pass upon all Scout Masters' applications. In many cases this council engages a boys' work director, to be known as the Scout Commissioner, to take charge of the work in that community. He is responsible to the local council for the direction and promotion of the work. He is the leader of the Scout Masters, and as such, gives such instructions and help as may be necessary, arranges inter-troop meets, games, camps, and in general, makes uniform the plan of work conducted in that community. The Scouts are organized in patrols and troops. Eight boys constitute a patrol, one of whom is chosen as the Patrol Leader. Three patrols make up a troop. The Scout Master is the adult leader of the troop. Already there are about 700 local councils in as many cities throughout the United States and under the direction of each there are from five to one hundred and fifty Scout Masters in charge of troops.

The Scout programme is proving practicable as a civic enterprise. There are many cities so thoroughly organized that every phase of boy life in the community is being reached by Scout activities. The movement is adapting itself not only to the wealthy classes, but to the boys of the slums, to the newsboys and to foreign boys alike.

Scouting means outdoor life and so health, strength, happiness and practical education. By combining wholesome, attractive, outdoor activities with the influence of the Scout oath and law, the movement develops character and worth-while ability.

Scoutcraft includes instruction in first aid, life saving, tracking, signalling, cycling, nature study, seamanship, campcraft, woodcraft, chivalry and all the handicrafts.

Recent figures indicate that there are several million Boy Scouts over the entire world. In the United States there are 350,000 Scouts in 15,700 troops.

Boy Scout movement praised and discussed, 8708.

Boycott.—In November, 1880, during the Land League agitation in Ireland, Capt James Boycott, agent of Lough Mask farm, an estate of Lord Erne, having evicted many of the tenants of the estate for refusing to pay rent, was besieged on his premises. The neighboring tradesmen refused to supply him with their goods at any price. His servants left and no others could be induced to take their places. To gather his crops it became necessary to bring in immigrant laborers and to protect them while at work by the presence of armed constabulary. This method of coercion became popular among the land leaguers and was soon put into operation against shopkeepers as well as landlords.

This policy of non-intercourse and efforts to commercially isolate business opponents was introduced into the United States by the Knights of Labor and Trade Unions about 1885. In 1886 two women bakers of New York were boycotted by the labor unions and their friends. Persons without grievances against the women were induced to withdraw their patronage. The business of the women was seriously injured, until they were relieved by receiving large orders for bread for charity hospitals. During the same year one man was convicted of attempting to extort money under a threat of boycotting. One man was boycotted for giving testimony against conspirators.

Boycotting has been defined by an American judge as a "combination of many to cause a loss to one person by coercing others against their will to withdraw from him their beneficial business intercourse, through threats that unless those others do so, the many will cause a similar loss to them." A boycott, even when not accompanied by violence or intimidation, has been pronounced unlawful by many courts. When accompanied by violence it is a criminal offence at common law.

President Taft, when judge of an Ohio court, decided that while the employees of any person or company had a right to refuse to work at any time, they had no right to prevent the work being done by others, the attempt at the latter action being characterized as a secondary boycott.

Decisions of the United States Courts in boycotting cases have been contradictory. In the case of the Danbury (Conn.) hatters, the employers were adjudged injured to the extent of $80,000, and authorized to bring suit against the boycotting organization for thrice the amount. In Montana, the Supreme Court held that the boycotted company did not have a property right in the trade of any particular person: hence, any one person may rightfully withdraw his patronage. The judge disagrees with the doctrine that an act perfectly lawful when done by one person becomes criminal when done by two or more acting in concert,

and rules that if the boycotters violated no law in withdrawing their patronage they could not be enjoined from continuing the boycott in force, so long as the means employed to make it effective were not illegal. (See Lindsay & Co. *vs.* Montana Federation of Labor *et al.;* Loewe *vs.* Lawlor *et al.*) Other indictments against members of labor unions charged with boycotting have been prosecuted in the United States Supreme Court and the results will be found under Anti-Trust Laws; Bucks Stove Case, etc.

The states having laws prohibiting boycotting in terms are Alabama, Colorado, Illinois, Indiana and Texas. The states having laws prohibiting blacklisting in terms are Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Florida, Illinois, Indiana, Iowa, Kansas, Minnesota, Mississippi (telegraph operators only), Missouri, Montana, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, Oregon, Texas, Utah, Virginia, Washington, Wisconsin.

The following states have enacted laws forbidding intimidation, interference with employment and conspiracy against workingmen: Alabama, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho (mine employees only), Illinois, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nevada, New Hampshire, New Jersey, New York, North Dakota, Oklahoma, Oregon, Pennsylvania, Porto Rico, Rhode Island, South Dakota, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin.

The following states forbid an employer to exact either a written or a verbal agreement from an employee, as a condition of employment, not to join a labor organization: California, Colorado, Connecticut, Idaho, Indiana, Louisiana, Massachusetts, Minnesota, Mississippi (telegraph operators only), Nevada, New Jersey, Oregon, Pennsylvania, Porto Rico, South Carolina, Utah, Wisconsin.

Boycott (secondary) denounced as at variance with American instinct, 7378.

Brakes and Couplers, legislation for increased safety in use of, recommended, 5486, 5561, 5642, 5766.

Brandy Station, or Fleetwood (Va.), Battle of.—After the battle of Chancellorsville Hooker's army remained inactive on the north side of the Rappahannock for about a month. June 9, 1863, two divisions of cavalry, supported by two brigades of infantry, were sent across the river to reconnoiter the Confederate position. Gen. Pleasonton was in charge of the expedition and the cavalry was commanded by Generals Buford and Gregg. They were driven back after the loss of 500 men in one of the most important cavalry fights of the Civil War. The only practical result of the expedition was the discovery that Lee's infantry was moving north by way of Culpeper. Here, also, on Aug. 1, Gen. Buford with his division of cavalry met the Confederate General Stuart and compelled him to retreat until re-enforced, when Buford in turn retreated. Between Oct. 10 and 16 desultory fighting with both cavalry and infantry occurred in the vicinity of Brandy Station.

Brandywine (Pa.), Battle of.—In the latter part of May, 1777, Washington left Morristown, N. J., where he had been in winter quarters, and took up a strong position behind the Raritan. Howe left his quarters at New Brunswick and embarked his troops for Philadelphia, landing about 18,000 men at Elk Ferry, fifty miles from the city, Aug. 25. Washington, having been joined by Lafayette, DeKalb, and Pulaski, drew near to defend the city. The nominal strength of the American army was 14,000 men, though only 11,000 were considered effective. Howe's advance was slow, and it was not until Sept. 11 that he encountered the Americans at Chadds Ford, on Brandywine Creek, about thirty miles southwest of Philadelphia. In the battle which occurred that day the British gained a clear victory through a successful flank movement, executed by Cornwallis. The American loss was about 1,000 killed, wounded, and missing, while that of the British was somewhat more.

Brass, Bronze and Copper Industry.—A special census report of manufactures gives a survey of the manufacture of brass, bronze and copper products in the United States for a recent year. The figures cover twelve months of the industry before the entrance of the United States into the European War rendered conditions in all industries abnormal, and hence the present survey should give an accurate picture of the industry when conditions become normal again after the war.

In studying the adjoining figures, it must be remembered that the second decade of the twentieth century ushered in a remarkable increase in costs, with a corresponding decrease in the value of the dollar, so that a seeming increase in value may not be a real increase.

The survey includes establishments manufacturing products consisting solely or chiefly of copper and zinc, and of copper and tin, and of copper, German silver products, and aluminum castings. It does not include establishments producing chiefly bells, hardware, plumbers' supplies, engines, automobile parts and bodies, electrical apparatus.

Especial notice should be given the fact that the survey includes only those establishments producing primarily brass, bronze and copper products, and does not take into account those which produce such objects as a side-issue.

Statistics of the industry in the census year and figures showing the growth of the industry in recent years are given in adjoining tables.

In the census year, the leading state in the production of brass, bronze and copper products was Connecticut, which had 41½ per cent of the wage-earners in this industry and produced articles of 43 per cent of the value of the total product. Corresponding figures for the other leading states were as follows: New York, 16½ per cent and 15 per cent; Michigan, 12 per cent and 10½ per cent; Pennsylvania, 5 per cent and 6 per cent; Ohio, 6 per cent and 5 per cent.

Of the persons engaged in the industry, 93 per cent were male and 7 per cent were female. There were 791 proprietors and firm members, 642 salaried officers, 713 managers and superintendents, with 3,205 clerks and other subordinate salaried officers. The average number of wage-earners at a given time was 40,043. As in other industries, this industry showed in recent years a tendency away from individual ownership into corporation management.

The greatest number of wage-earners, 17,401, were employed in establishments where the prevailing number of hours' work

	Total	Establishments Manufacturing Chiefly— Brass and Bronze	Copper	All Others
No. Establishments	992	904	41	47
Persons Engaged in the Industry	45,657	37,627	5,666	2,364
Capital Represented	$116,092,882	$ 95,827,707	$14,966,130	$5,299,045
Salaries and Wages	32,158,279	26,415,962	3,817,892	1,924,425
Rent and Taxes	1,381,624	1,145,251	170,475	65,898
Cost of Materials	115,486,768	85,130,678	25,317,240	5,038,850
Value of Products	162,199,019[1]	123,580,434[1]	30,722,895[1]	7,895,690[1]

[1]In addition, by industries engaged primarily in other lines of manufacturing products were manufactured of the following values: Total $69,063,735; Brass and Bronze—$7,923,290; Copper—$52,118,351; All others—$9,022,094. These establishments include those drawing wire from purchased rods, wire departments of steel works and rolling mills, and manufacturers of electrical machinery.

Note—In the above table there is a large amount of duplication in the values noted, because parts manufactured in certain establishments are used in others as the basis for further manufacturing.

	Census Year	1904	1889	1869
No. Establishments	992	813	610	335
Persons Engaged	45,657	36,952	(1)	(1)
Capital	$116,092,882	$ 77,438,177	$39,489,609	$ 8,941,485
Salaries and Wages	32,158,279	21,443,783	11,292,540	2,706,820
Cost Materials	115,486,768	65,653,330	27,293,130	7,093,242
Value of Products	162,199,019	102,407,104	50,056,101	13,130,595

(1)—Figures not available.

Note—There was a slight absolute decrease in the figures showing the size of the industry between 1909 and the census year.

per week was 54-60; where the hours were 54, there were 7,545 wage-earners; where 48-54, 6,689; 60, 6,669; 48 or less, 1,851; and from 60 to 72 hours, 160 wage-earners.

Although 396 of the establishments were owned by individuals, 412 by corporations, and 184 by others, 88 per cent of the wage-earners in the industry were employed by the corporations. Of the value of the products, 90 per cent came from the corporations. 61 per cent of the value of the products came from establishments producing annually products valued at more than $1,000,000, and 27½ per cent from those producing annually products valued at between $100,000 and $1,000,000. The first group comprised in number only 3 per cent of the whole, employing 81½ per cent of the total number of the wage-earners in the industry.

Nine of the establishments in this industry employed more than 1,000 wage-earners, four between 500 and 1,000 and fourteen between 250 and 500.

The fuel used in these establishments during the year amounted to 128,000 long tons of anthracite coal, 378,000 long tons of bituminous coal, 75,000 short tons of coke, 311,000 barrels of oil and 465,000 cubic feet of gas.

Of the $231,262,754 representing the total value of the brass, bronze and copper products for the census year (including the value of the products of the allied industries), the articles of chief value were as follows:

Wire	$60,069,738
Plain	44,360,456
Insulated	15,709,282
Plates and sheets	43,019,997
Rods	14,569,759
Tubing	13,934,641
Seamless	10,273,755
Brazed	3,660,886
Ingots and bars	8,819,571
Other products	90,849,048

Brazil.—The most extensive State of South America. It was discovered in 1500 by Pedro Alvarez Cabral, Portuguese navigator. It is bounded on the north by the Atlantic Ocean, Guiana, and Venezuela; on the west by Ecuador, Peru, Bolivia, Paraguay, and Argentina; on the south by Uruguay; and on the east by the Atlantic Ocean; and extends between lat. 4° 22′ N. and 33° 45′ S. and long. 34° 40′ and 73° 15′ W., being 2,600 miles from north to south, and 2,500 from west to east; with a coast-line on the Atlantic of 3,700 miles.

History.—Brazil was settled by the Portuguese, and became a Portuguese colony, in 1500. In 1807, when the French under Napoleon invaded Portugal, the Portuguese Royal Family fled to Brazil, which was declared a kingdom in 1815. The Portuguese court returned to Europe in 1821.

The independence of Brazil was proclaimed in 1822. An empire was formed and Dom Pedro, son of the Portuguese King, became the first emperor. He resigned in 1831 in favor of his son Pedro II. In November, 1889, the empire was overthrown and a republic organized under President Fonseca. He was succeeded two years later by Peixoto, and he by De Moraes.

The bloodless revolution of 1889 transformed the provinces of the Empire into States of a Federal Union. The States have their own laws and considerable fiscal autonomy, being administered at their own expense, and controlling the outward (but not inward) customs. National defence, police, finance, currency, and national or inter-State justice are reserved to the central government. Each State has an elected President or Governor and a bicameral legislature, raises its necessary revenue, floats loans, and controls its indebtedness. The External Debts of the various States of the Union amounted in the aggregate to $220,000,000 at the end of 1910; their Internal Debts to over $65,000,000; and their Floating Debts to over $40,000,000. The territory of Acré (Aquiry) was purchased for $10,000,000 from Bolivia by treaty of Nov. 17, 1903, thus terminating a dispute with that republic through the incursion in north-western Bolivia of large numbers of Brazilian settlers. Acré has petitioned to be received into the States of the Union.

On April 11, 1917, after repeated damage to her shipping at the hands of German submarines, Brazil broke off diplomatic re-

lations with Germany, and on October 26, 1917, officially declared war on that empire. However, Brazil took no active part in the conflict.

Physical Features.—The northern States of Amazones and Pará and the central State of Matto Grosso (which together constitute more than one-half of Brazil) are mainly wide, low-lying, forest-clad plains. The eastern and southern States are traversed by successive mountain ranges interspersed with fertile valleys. The principal ranges are the Serra do Maro, the Serra do Mantequeira (Itatiaiassu, 9,000 feet), and the Serra do Espinhaço (Itacolumi, 6,000 feet), in the southeast of Minas Geraes; the Serra do Paranan, the Serra dos Aymores and the Serra da Gurgueia, Branca, and Araripe. Brazil is unequalled for the number and extent of its rivers. The Amazon, the largest river in the world, has tributaries which are themselves great rivers, and flows from the Peruvian Andes to the Atlantic, with a total length of some 4,000 miles. Its northern tributaries are the Rio Branco, Rio Negro and Japura; its southern tributaries are the Jurua, Purus, Madeira and Tapajos, while the Xingu meets it within 100 miles of its outflow into the Atlantic.

January 6, 1914, a Brazilian commission, headed by Col. Theodore Roosevelt, ex-President of the United States, and Col. Rondon, started to explore the Duvida River, which turned out to be a tributary of the Madeira, the lower part of which was known to rubber men but not to cartographers, as the Castanha. Embarking February 27, after traveling 542 miles from San Luis de Caceres, the party descended the Duvida, or River of Doubt, as its headwaters had been called by an expedition surveying for a telegraph line in 1909. Descending the river 469 miles directly north from 12° 1′ S. lat. and 60° 18′ W. long. the Aripauna was reached April 26, 1914, in lat. 7° 34′. Here the rapids ended and the Aripauna discharged into the Madeira at 5° 30′ S. lat. and 60° 32′ W. long. In honor of the distinguished American the indefinite Castanha, including its newly explored upper half, was named the Rio Theodoro, and thereby put upon the map; it had never appeared previously on any map.

The Tocantins and Araguaya flow northwards from the plateau of Matto Grosso and the mountains of Goyaz to the Gulf of Pará. The Paranahyba flows from the encircling mountains of Piauhý into the Atlantic. The Sao Francisco rises in the south of Minas Geraes and traverses Bahia on its way to the Eastern coast, between Alagoas and Bolivia on its way through Paraguay to its confluence with the *Paraná*, which rises in the mountains of that name and divides the Brazilian State from the Paraguay. The Paraguay and Paraná, from their confluence, become the principal river of Argentina and flow into the Atlantic at the estuary of La Plata.

Ethnography.—There are five distinct elements in the population: the Portuguese settlers, the aboriginal Indians, imported African negro slaves, mixed descendants of these three races, and European immigrants of all nationalities, principally Italians, Portuguese and Spanish. The descendants of the Portuguese settlers are the true Brazilians, the aboriginal Indians are now mainly tribes in the forests and plains of the interior. The slaves were freed between 1871 and 1888, their importation having ceased in 1855. The modern trend of Teutonic immigration is towards the southern states, particularly Rio Grande do Sul. The official language of Brazil is Portuguese.

AREA AND POPULATION

States and Capitals	Area in English Sq. Miles	Estimated Population
Federal District.....	431	910,000
Acré (Nova York)....	58,672	100,000
Alagoas (Maceió).....	22,577	950,000
Amazonas (Manãos)..	731,363	460,000
Bahia (Sao Salvador).	164,601	3,000,000
Ceará (Fortaleza)....	40,241	1,290,000
Espirito Santo (Victoria)	17,308	435,000
Goyaz (Goyaz)	288,462	485,000
Maranhão (Sao Luiz).	177,515	750,000
Matto Grosso (Cuyábá)	532,210	215,000
Minas Geraes (Bello Horizonte)	221,894	5,000,000
Pará (Belém).....	443,789	925,000
Parahyba (Parahyba).	28,846	680,000
Paraná (Curityba)...	93,269	660,000
Pernambuco (Recif)...	49,566	1,825,000
Piauhy (Therezina)...	116,494	485,000
Rio de Janeiro (Nictheroy)	26,627	1,445,000
Rio Grande do Norte (Natal)	22,189	475,000
Rio Grande do Sul (Porto Alegre).....	91,310	1,850,000
Santa Catharina (Florianopolis)	20,785	525,000
São Paulo (São Paulo)	112,278	4,465,000
Sergipe (Aracajú)....	15,089	465,000
Total.....	3,275,510	27,395,000

The census of 1900 showed a population of 17,318,556.

Of the total number about 1,000,000 are "wild" Indians.

Government.—Brazil was colonized by Portugal in the early part of the sixteenth century, and in 1822 became an independent empire under Dom Pedro, son of the exiled King João VI. of Portugal. On Nov. 15, 1889, Dom Pedro II., second of the line, was dethroned and a republic was proclaimed. The constitution rests on the fundamental law of Feb. 24, 1891, which established a federal republic under the name of Estados Unidos do Brazil.

The President and Vice-President are elected for four years by the direct votes of all male Brazilians over twenty-one years who can read and write, and are ineligible for the succeeding terms. They are aided, as executives, by a council of seven Secretaries of State, in charge of the executive departments.

The National Congress consists of a Senate and Chamber of Deputies, which meet annually, on May 3, for four months. The Senate is composed of sixty-three members elected for nine, six and three years in accordance with their place in the ballot, those for lesser periods being renewed in due course. The Chamber of Deputies consists of 212 members elected for three years. The electors for both houses are all male Brazilians over twenty-one years who can read and write.

There is a Supreme Federal Tribunal and a Federal Court of Appeal at the capital, and judges sit in each State for Federal causes. Except in the federal district justice is administered by State Courts for State causes, from the lowest to the highest courts.

Army.—By a law of Jan. 1, 1908, military service is obligatory on all male Brazilians from twenty-one to forty-four years. The terms of service are two years in the ranks, seven in the reserve, seven in the territorial army, and eight in the National Guard. Recent reports indicate that the

peace strength is about 55,000. Mobilization would yield some 125,000. The gendarmerie numbers some 25,000, which can be expanded to 130,000.

Navy.—The Navy consists of two dreadnaughts, two coast defence ships and three protected cruisers, all built years ago.

Primary education is secular and free, but is not as yet compulsory; it is maintained and controlled by the governments of the various States. Public instruction is progressing and reading and writing are the qualifications for the franchise for males at 21. Recent figures show some 13,000 primary schools, with 21,000 teachers and more than 700,000 pupils. There are 335 secondary schools with more than 35,000 pupils. There are some public libraries, but no universities.

The majority of the population is illiterate. Most of the people are Roman Catholics, although there is no official connection between Church and State.

Production and Industry.—Agriculture is encouraged by all the State governments, and is the principal industry, the produce being varied and abundant. In the extreme south towards the interior European fruits and grain are reared, while other parts are found extremely favorable for the raising of coffee, sugar, cotton, cocoa, india-rubber, tobacco, and tropical products, many of which are indigenous. Maize, beans, cassava-root, and nuts are very generally cultivated. Three-fourths of the world's supply of coffee comes from Brazil, being grown chiefly in Rio de Janeiro, Minas Geraes, Sao Paulo, and Espirito Santo, and in a smaller degree from the north. The average annual production of Brazilian coffee is some 1,575,000,000 pounds. Cotton is largely cultivated for export, and is being used for home manufactures. Sugar-cane is grown in large and increasing quantities in the northern provinces, Pernambuco being the centre of the sugar-producing zone. India-rubber comes from the more northern provinces, especially the valley of the Amazon, and is shipped from Parà and Manáos. Tobacco and cocoa are grown largely, especially in Bahia. The Live Stock, according to the census of 1917, included 30,705,400 cattle, 18,400,530 swine, 10,949,930 sheep, 10,048,570 goats, 7,289,690 horses, 3,207,940 mules—cattle and stock-raising being a most important industry.

Recent crop estimates comprise 50,000,000 kilos of tobacco, 2,420,000 metric tons of corn, 372,000 metric tons of rice, 325,000 metric tons of beans, 300,000 metric tons of mandroca flour, 300,000 tons of sugar.

Brazilian forests are immense, and abound in the greatest variety of useful and beautiful woods adapted for dyeing, cabinet work, or shipbuilding; among them are mahogany, logwood, rosewood, brazilwood, cinchona, etc.

About half of the world's supply of rubber comes from Brazil. The average annual production is some 40,000 tons. Brazil leads the world in the production of cocoa.

The mineral products are considerable, and comprise gold, silver, iron, quicksilver, copper, and coal. In the Province of Minas Geraes there are vast iron ore deposits, which are expected to be worked in the near future; there are believed to be hundreds of millions of tons of ore, much of it containing 69 per cent. of iron. Among non-metallic minerals are the world-famous Brazilian diamonds, and emeralds, rubies, topazes, beryls, garnets, etc. The black diamonds (*carbonatos*) are very highly-prized. On the whole, however, the mineral wealth of Brazil has been exploited but little.

Manufactures.—Recent figures show some 12,000 factories in Brazil, with a capital of 700,000,000 milreis, 160,000 employees, and an annual output valued at about 1,000,000,000 milreis. The most important industry is cotton-weaving. Silk-manufacture is also extensive. There are more than 2,000 tobacco factories, many sugar factories and some flour mills.

Transportation and Communication.—Each State has its railway system, but the central government is developing intercommunication and opening up new routes. Recent figures show more than 17,000 miles of railroads open to traffic, of which almost 4,000 are owned and operated by the Government.

The telegraph system is Governmental. There are some 55,000 miles of line, and 700 officers, with more than 4,000,000 annual messages. There are almost 4,000 post-offices. There are some 60,000 telephones.

Recent figures show some 21,715 vessels of almost 15,000,000 tons entering and clearing annually from Brazilian ports. The Brazilian merchant marine comprises 405 steam vessels of 377,000 tons and 54 sailing vessels of 18,000 tons net. There is monthly service between Rio de Janeiro and New York, and there are direct sailings to and from Liverpool and Portugal.

Towns.—Rio de Janeiro, the capital, is the second largest city in South America and possesses one of the finest harbors in the world. Population, 1912, estimated at 1,000,000. Other towns and their population are São Paulo (450,000); Bahia (350,000); Pernambuco (215,000); Belem (275,000); Porto Alegre (150,000).

Money.—The Currency is nominally metallic, but almost entirely paper, in denominations of milreis. The gold milreis is equal to $0.546 United States money and government paper is convertible at $0.324 to the milreis.

Brazil maintains a system of high protective tariff, which forms the principal basis of revenue. Latest figures show imports of some $215,000,000 and exports of $285,000,000. The chief countries of export, in the rank of their importance, are the United States, Uruguay, Italy, Great Britain and Argentina. The chief countries of import, similarly arranged, are the United States, Great Britain, Argentina and Uruguay.

Recent figures show the foreign debt of Brazil as $500,000,000; the internal debt as $475,000,000; and the internal floating debt as $135,000,000. The debts of the states amount to some $200,000,000.

The value of the goods exported from the United States to Brazil in 1919 was $114,656,000 and the value of the goods imported into the United States from Brazil was $233,571,000.

Brazil:

Blockade by naval forces of, referred to, 970.

Boundary question with Argentine Republic submitted to President of United States, 5867, 6058.

With Bolivia, 6426.

Chargé d'affaires received from, 820.

Correspondence with, referred to, 2430.

Claims of United States against, 929, 951, 962, 1009, 1115, 1245, 1594, 1933, 2051, 3050, 3899, 4220.
Convention for satisfaction of, negotiated, 2553, 2562, 2568, 2618.
Payment of, 1009, 1245, 2116, 2618.
Commercial relations with, 3049, 4078, 4629, 5570, 5663.
Commission of United States sent to, 952.
Convention with, referred to, 2681.
Cotton culture in, 4078.
Courtesies extended by, 7060.
Disturbances in, 1158, 2051.
Duties on American goods reduced, 968.
Imprisonment of American citizens in, 970, 2779.
Mail steamship service between United States and, 3565, 3586.
Minister of, to United States received, 2553, 4718.
Minister of United States in, official functions of, terminated, 951.
Phosphates discovered in coast of, 4795.
Political disturbances in, discussed, 5617.
Relations with, 2399, 6364.
Revolution in—
Action of American commander in saluting revolted Brazilian admiral disavowed, 5867.
Policy of United States regarding, 5472, 5867, 5956.
Questions with Portugal respecting escape of insurgent Admiral Da Gama, 5956.
Republican form of government established and recognition of, by United States, 5543.
Slavery in, 4100.
Abolished, 5369.
Tariff laws of, evidence of modifications of, proclaimed, 5576.
Notice of intention of Brazil to terminate, discussed, 5956.
Referred to, 5615, 5747.
Trade-marks, treaty with, regarding, 4460.
Treaty with, 996.
Obligations of, to cease, 1822.
Reference to, 1009.
Vessels of—
Discriminating duties on, suspended by proclamation, 2372.
United States seized or interfered with by, 962, 2779. (See also *Caroline*, The.)
War with—
Buenos Ayres—
Peace concluded, 977.
Questions between United States and Brazil growing out of, 929, 951.
Paraguay, 4078.
Good offices of United States tendered, 3776, 3883.

Brazil Steamship Co. referred to, 5634.

Brazil, Treaties with.—Diplomatic negotiations with Brazil are embodied in five treaties: Treaty of 1828 on amity, commerce, and navigation; Treaties of 1849 on claims in general and a protocol submitting to arbitration the claim of George C. Benner *et al.*, signed in 1902, Treaty of 1878 on trade-marks (see Trade-marks, Treaties on); and extradition convention and protocol of 1898 (see Extradition, Treaties of).

The treaty of 1828 accords reciprocal freedom of commerce and navigation upon equal terms and conditions to those by which they are enjoined by any and every other nation; the citizens of the respective countries are privileged to conduct commercial and professional transactions in the country of the other nation upon the same terms and under like conditions as citizens and subjects. Coastwise trade is, however, excluded from this agreement. Freedom of, and equality in, carrying trade of export or reexport or import of goods is permitted without payment of higher or other duties, imposts, taxes, or fees, than those to which citizens and subjects are liable. If subjected to embargo or detention for military purposes, proper indemnification is to be paid in all cases. Refuge, asylum, and protection is accorded to vessels in all ports, rivers, or dominions of the other country. All reasonable assistance is to be rendered to vessels sustaining shipwreck or damage in the waters of the other country; and protection from pirates, with restitution of property, if possible. Freedom of sale, disposition, and succession, in the case of personal goods is granted to individual citizens and subjects within the other country. Protection of the person and of the property of citizens and subjects of each other is to be the special care of each contracting party. Entire freedom of conscience is accorded to individuals, together with protection of the dead.

In event of war of one of the parties with a third it is agreed that full recognition of the principle that the flag covers property be accorded when the property belongs to a nation which recognizes this principle, but to none other. But where the neutral flag shall cover the property of an enemy of one of the parties, such property shall be confiscated unless put on board before the declaration of war: an excuse of ignorance of declaration of war shall not be valid after a period of four months shall have elapsed. Liberty of commerce and navigation shall not extend to arms and instruments or materials designed for making war by sea or land, and vessels carrying such contraband goods shall be detained for the confiscation of such contraband. At such times the examination of vessels shall be conducted by all means calculated to minimize vexation or abuse. When one of the parties shall be at war with a third State, no citizen or subject of the other contracting party shall accept letters of marque or reprisal to act against the other contracting party under pain of punishment for piracy. In the event of war between the United States and Brazil, a period of six months shall be granted to residents to close up their affairs and transport their effects; in the case of residents in the interior of the country this period

shall be increased to one year from the time of declaration of war. Sequestration and confiscation of public and private debts by reason of war is forbidden. The favors, immunities, and exemptions to consular officers shall be those of the most favored nation. These officials shall be exempt from all public service, taxes, imposts, and duties, except such as they shall pay on account of commerce or property, and these shall be the same as those paid by citizens of the country. The consular papers, records, and archives, shall at all times and under all circumstances be inviolably respected, and may not be seized or interfered with by any magistrate. Consuls shall have full authority to arrest and detain for a period not to exceed two months all deserters from public and private vessels of their country.

This treaty was drawn to endure for a period of twelve years, with a renewal from year to year, with one year's notice of intention to terminate. Infringement of its conditions by individuals renders the individual and not the State liable for such infringement and the State pledges itself to surrender the offender. The State shall not countenance any reprisal for infringement of the conditions nor declare war until a statement of the injuries, with competent proof, shall have been forwarded to the offending State and a reasonable time allowed for reparation.

Brazil also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington, July 29, 1914. (See South and Central America, Treaties with.)

In 1910, there was proclaimed a treaty between the United States and Brazil providing for recognition of the rights of naturalization to citizens of the two countries.

In 1911, there was proclaimed a treaty providing for arbitration before the Hague Court or another body agreeable to both parties disputes between the two countries which do not affect their national honor or vital interests or any third party.

Brazos River, explorations of, referred to, 2897.

Brazos Santiago, Tex., commerce of district of, referred to, 2610.

Bread. (See Baking Business.)

Bread Riots.—During a period of general financial depression in 1837 the poor of New York held frequent riotous meetings, which culminated in violent assaults upon flour warehouses. Employment was meager, rents were exorbitant, and flour was $12 per barrel. In many instances stores were broken open and pillaged by the mobs. The rioters were suppressed by the militia.

Breadstuffs, importation of, into foreign countries, and rates of duty on, 5503.

Breakwaters, expenditures on, 1126.

Bremen: Submarine. (See Deutschland.)

Bremen:
- Ministers of, received, 949.
- Postal arrangements with, 2412.
- Treaty with, 988, 991, 2686.
- Vessels of—
  - Application for rights, 621.
  - Discriminating duties on, suspended, 606.

Brest-Litovsk, parleys at, discussed, 8421, 8595.

Brevet Commissions. (See Army.)

Bribery:
- Proposal to class campaign contributions by corporations as, 6990.
- Proposed extraditional offense, 6791.
- Severer laws advocated, 6917.

Bridgeport, Conn., Strikers condemned, 8581.

Bridges:
- Construction of, over navigable waters, 4303.
- Pictures of, 1745.
- Referred to, 1171, 1257.

Bridgewater, The, correspondence regarding case of, transmitted, 5396.

Brier Creek (Ga.), Battle of.—March 3, 1779, Gen. Lincoln sent a detachment of his army, consisting of 1,500 North Carolina militia and some Georgia Continentals under Gen. Ashe, to the junction of Brier Creek with the Savannah River. In this position they were attacked by Lieut.-Col. Prevost with some 2,000 men and completely routed. Gen. Elbert, Col. McIntosh, several other officers, and nearly 200 men were captured. Nearly an equal number are supposed to have been killed in action or met death in their flight through the swamps. The remainder, with the exception of 400 or 500, retired to their homes. The British loss was only sixteen killed and wounded.

Brigadier-Generals, number of, should be increased, 114.

Briscoe vs. Bank of Commonwealth of Kentucky.—A suit brought by the Bank of the Commonwealth of Kentucky against Briscoe et al. as holders of a promissory note for which the notes of the bank had been given as a loan to the drawers of the note. The defendants claimed that their note was void, since those given in return by the bank were nothing else than bills of credit and issued contrary to the clause of the Constitution which forbids States issuing such bills. The circuit court and the court of appeals of Kentucky gave judgment for the bank on the ground that the act incorporating the Bank of the Commonwealth of Kentucky was constitutional and that the notes issued were not bills of credit within the meaning of the National Constitution. The Supreme Court in 1837 decided the case in favor of the bank, the notes not being deemed bills of credit.

Bristow Station (Va.), Battle of.—Hooker's and Heintzelman's divisions of McClellan's army had been sent to reinforce Pope, who had taken a position west of the Rappahannock. Stonewall Jackson made a forced march from the Shenandoah Valley by way of Thoroughfare Gap and passing by the battlefield of Bull Run, Aug. 26, 1862, destroyed Pope's stores at Bristow Station, and then advanced to Manassas. Hooker's division the next day came upon the Confederates under Ewell at Bristow Station and drove them from the field Each side suffered a loss of about 300 men.

British America:
Commercial relations with, 1130, 1131.
Consul-general of United States to, arrest of, referred to, 3399.
Insurrection in Red River settlement referred to, 4001.
Military expedition against, proclamation regarding, 3631.
Discussed, 3655.
Reciprocity relations with, referred to, 3665.
Treaty regarding, not favorably considered by United States, 3988.

British Borneo and British North Borne (See Borneo.)

British Colonies:
Commercial relations with, 652, 5688, 5748, 6332.
Tariff laws of, evidence of modifications of, proclaimed, 5688, 6381, Discussed, 5747.

British Columbia:
Agent sent to, referred to, 3068, 3072.
Boundary line with Alaska. (See Alaska.)

British Debts. (See Debts, British.)

British East Africa.—A large section of Africa under British rule, consisting of the Uganda Protectorate, the East Africa Protectorate, and the islands of Zanzibar and Pemba. See Africa.

British Empire.—The British Empire occupies about one-quarter of the known surface of the globe, and its population exceeds one-quarter of the estimated number of the human race. The total area is distributed almost equally over the Northern and Southern Hemispheres, but more than two-thirds lie in the Eastern and less than one-third in the Western Hemisphere. The greatest area of the empire lies in America, but the largest subject population lives in Asia.

Ethnography.—By far the greater portion of the Empire lies within the temperate zones, the tropical areas being Southern India, West and Central Africa, parts of the West Indies, British Guiana and Honduras, Northern Australia, Borneo, and the various settlements in the Malay Peninsula. The estimated white population of the Empire in 1911 was sixty millions, mainly Anglo-Saxon but partly French, Dutch, and Spanish. The remaining 370 millions include 315 millions of the native races of India and Ceylon, forty million black races, six million Arabs, six million Malays, a million Chinese, and a million Polynesians, with various other elements, including 100,000 Red Indians in Canada.

Of the total population over 210 millions are Hindus, 100 millions Mohammedans, 70 millions Christians (63 millions Protestants, seven millions Catholics), twelve millions Buddhists, twelve millions Animists, four millions Sikhs, Jains and Parsees, 750,000 Jews, and the remainder Polytheists and Idol worshippers.

Government.—There is no fundamental law upon which the Constitution of the Empire rests, but there are three main principles underlying its administration, viz., self-government, self-support, and self-defence. The first of these principles has been applied for many years, and is fully developed in the case of Canada, Newfoundland, Australia, New Zealand, and the Union of South Africa. The second principle is equally developed, almost every unit being financially self-supporting. The third principle is of modern growth, and may be said to be the outcome of the Imperial Conference, which has gradually become recognized as the Cabinet of the Empire. Its origin may be traced to the presence in London (in 1887) of the Premiers of the various self-governing Dominions, representing their countries at the celebrations of the Jubilee of Queen Victoria. Similar gatherings took place in 1897, 1902, 1907 and 1911, and in 1907 the title of "Colonial" Conference was changed to Imperial Conference. At the earlier meeting the Colonial Secretary presided, but with the change of title additional importance was given to the assembly by the assumption of the Presidency by the Prime Minister of the United Kingdom.

Legislature.—The Parliament of the United Kingdom is the supreme legislative authority of the Empire. This parliament has, with the consent of the King-Emperor, delegated its legislative authority to other parliaments constituted by itself, while retaining a general supervision of Imperial affairs through the medium of the Colonial Office.

Judiciary.—The Supreme Judicial Authority of the Empire is the Judicial Committee of the Privy Council, before which appeals may be brought (in the form of a petition to the Crown) from Consular Courts and Courts of Vice-Admiralty, and from the Courts of India and every British Dominion.

Defence.—The general defence of the Empire is undertaken by the Imperial Government, aided in an increasing degree by the governments of India and the self-governing Dominions (see Canada, Australia, New Zealand, and South Africa). The "first line of defence" is the Royal Navy (see United Kingdom), the "second line" being the Regular and Auxiliary troops of the British Army. (See Great Britain.)

For details concerning the component parts of the Empire, see Great Britain, Canada, India, Ireland, Australia, etc.

Imperial Dominions.—All British dominions are subject (except as regards taxation) to the legislation of the British Parliament, but no Act of Parliament affects a dominion unless that dominion is specially mentioned. If the legislature of a dominion enacts a law which is repugnant to an imperial law affecting the dominion, it is to the extent to which it is repugnant absolutely void. (See Australia, Canada, etc.) The Imperial Dominions may be divided into several classes, according to the way in which they are governed:

(a) Those having responsible government:—The principal government departments are administered by political chiefs who are responsible, not merely or mainly to the Crown, but to the elected legislature. The Dominions thus governed are Canada, Newfoundland, Australia, New Zealand, and the Union of South Africa.

(b) Where there is government by legislative assembly wholly or partly elected, and an executive council nominated by the Crown or the governor representing the Crown;—In this class may be placed the Bahamas, Barbadoes, Bermuda, British Guiana, Jamaica, Leeward Islands, Mauritius, and Malta.

(c) Where there is government by a governor acting with an executive and a legislative council, the councils being nominated by the Crown or a governor representing the Crown:—Dominions so governed include Ceylon, Falkland Islands, Fiji, Gambia, St. Vincent, Sierra Leone, Straits Settlements, Trinidad.

(d) Wherein both legislative and executive powers are vested in the governor alone:—In this class are Gibraltar, Labuan, and St. Helena, where power is also reserved to the Crown to legislate by Order in Council. In South Africa, Bechuanaland, Basutoland, and Zululand are governed in substantially the same way, but no power is reserved to the Crown.

(e) Protectorates.—The protectorates are countries which, as regards their foreign relations, are under the exclusive control of the King-Emperor. The protectorates of the British Empire include British East Africa, Somaliland, Nyasaland, Uganda, Swaziland, and Nigeria.

(f) Spheres of Influence.—A sphere of influence may be described as an area wherein other Powers undertake not to attempt to acquire influence or territory, by treaty or annexation.

Shipping.—Latest figures give 12,405 steam vessels of 11,137,000 tons and 7,669 sailing vessels of 715,000 tons, a total of 20,074 vessels of 11,752,000 tons, as the tonnage of the United Kingdom. In addition, there are some 1,863,000 tons of shipping belonging to the British dominions, making a total of 13,615,000. The tonnage entering and clearing British ports is 256,000,000 annually.

Finance.—The average annual revenue of the British Empire for recent years has been in the neighborhood of 1,190,000,000 pounds and the average annual expenditure, 2,900,000,000 pounds. The total debt of the Empire is about 8,900,000,000 pounds.

AREA AND POPULATION

Divisions and Capitals	Area in English Sq. Miles	Population, Latest Figures
Europe—		
England (London)	50,874	34,045,000
Wales (London)	7,466	2,025,000
Scotland (Edinburgh)	30,405	4,761,000
Ireland (Dublin)	32,586	4,390,000
Isle of Man (Douglas)	227	52,000
Channel Islands	75	97,000
Malta and Gozo (Valletta)	118	225,000
Gibraltar (Gibraltar)	2	27,000
Total, Europe	121,753	45,622,000
Asia—		
Indian Empire (Delhi)	1,803,000	315,000,000
Ceylon (Colombo)	25,000	4,630,000
Straits Settlements (Singapore)	1,600	850,000
Federated Malay States (Kuala Lumpor)	27,500	1,200,000
Feudatory Malay States	23,500	930,000
Hong Kong (Victoria)	390	535,000
Weihelwei (Weihelwei)	285	150,000
Borneo, Brunei and Sarawak	77,100	845,000
Cyprus (Nikosia)	3,600	311,000
Aden, Perim, and Socotra	10,400	60,000
Mesopotamia (under mandate)	143,000	2,300,000
Palestine (under mandate)	9,000	650,000
Total, Asia	2,079,400	327,461,000
Africa—		
Union of South Africa (Pretoria and Cape Town)	473,000	6,000,000
Southwest Africa (Windhuk)	322,500	210,000
Basutoland (Maseru)	12,000	430,000
Bechuanaland (Mafeking)	275,000	135,000
Swaziland (Mbabane)	6,500	105,000
Rhodesia (Salisbury and Livingstone)	440,000	1,690,000
Gambia (Bathurst)	4,000	250,000
Gold Coast (Accra)	80,000	1,500,000
Sierra Leone (Freetown)	27,000	1,350,000
Nigeria (Lagos)	332,000	17,500,000
Somaliland (Berbera)	68,000	300,000
Kenya (Nairobi)	247,000	2,807,000
Uganda (Entebbe)	109,000	3,400,000
Zanzibar (Zanzibar)	1,000	200,000
Nyasaland (Zomba)	40,000	1,200,000
Tanganyika (Dar-es-Salaam)	365,000	3,500,000
Togoland	12,500	300,000
Kamerun (Buea)	30,000	400,000
Egypt (Cairo)	350,000	12,710,000
Sudan (Khartoum)	1,014,000	3,500,000
Mauritius (Port Louis)	800	385,000
Seychelles (Victoria)	150	25,000
Ascension (Georgetown)	35	250
St. Helena (Jamestown)	50	3,500
Total, Africa, etc.	4,209,535	57,900,750
America—		
Canada (Ottawa)	3,730,000	7,500,000
Newfoundland and Labrador (St. Johns)	163,000	257,000
Bermuda (Hamilton)	20	20,000
British Honduras (Belize)	8,600	43,000
West Indies	12,300	1,835,000
British Guiana (Georgetown)	89,500	320,000
Falkland Islands (Port Stanley and Georgia)	7,500	3,000
Total, America	4,010,920	9,978,000
Australasia—		
Australia (Canberra)	2,975,000	4,980,000
New Zealand (Wellington)	104,000	1,112,000
Fiji (Suva)	7,400	175,000
Papua (Port Moresby)	90,500	250,000
Pacific Islands	101,500	800,000
Total, Australasia	3,278,400	7,317,000
Grand Total	13,745,000	448,280,000

Trade.—In the most recent year for which figures are available, the total imports to the British Empire were 1,966,000,000 pounds and the total exports were 1,400,000,000 pounds.

British Empire. (See Great Britain.)

British Guiana.—A British colony on the northeast coast of South America. It is bounded on the north by the Atlantic Ocean, on the east by Dutch Guiana, on the south by Brazil and on the west by Brazil and Venezuela. Its area is about 90,000 square miles and its population about 320,000. It includes the three settlements of Demerara, Essequibo and Berbice. Only about 190,000 acres are under cultivation, and they are devoted chiefly to sugar cane, rice, and cocoanuts.

Recent figures indicate imports of $15,000,000 and exports of $20,000,000. The chief imports are textiles, flour, machinery, fish, coal, oils, beef and pork, and tobacco. The chief exports are sugar, rum, rice and balata.

There are about 100 miles of railroads and 300 miles of good roads. There are 75 post-offices and 575 miles of telegraph wire, with telephone exchanges in Georgetown and New Amsterdam.

Average annual imports to the United States from British Guiana amount to $365,000 and exports from the United States to $5,275,000.

British Guiana:

Boundary dispute between Great Britain and Venezuela regarding, discussed, 5204, 5471, 5616, 5873, 5958, 6064, 6087, 6154.

Arbitration of, discussed, 6337, 6380.

Recommended by President Cleveland, 6064.

Treaty for, 6154.

Monroe doctrine reasserted and attitude of United States respecting, discussed by President Cleveland, 6064, 6087.

Tariff laws of, evidence of modifications of, proclaimed, 5688, 6381.

Discussed, 5747.

British Honduras. — A British colony on the east coast of Central America, south of Yucatan. Its area is about 8,600 square miles and its population is estimated at 43,000. The annual revenue and expenditure are estimated at $600,000. The imports and exports usually come close to balancing around the figure of $2,500,000 annually. Only a small proportion of the land is under cultivation, the chief industry being lumber, especially mahogany. There is also some exportation of bananas, cocoanuts and chicle. The chief imports are flour, shoes, rice, gum, hardware and clothing. There are some 25 miles of railway. The chief town is Belize.

Most of the trade is with the United States. In recent years, the United States has exported to British Honduras goods to the value of $2,000,000 annually and imported thence goods of about the same value.

British Hudsons Bay Co. (See Hudsons Bay Co.)

British North America. (See British America.)

British North American Fisheries. (See Fisheries.)

British Somaliland. (See Africa.)

British South Africa. (See Union of South Africa.)

British West Africa. (See Africa.)

British West Indies:

Employment of colored laborers from United States in, 2678, 2683.

Tariff laws of, evidence of modifications of, proclaimed, 5688.

Discussed, 5747.

Vessels from Trinidad, tonnage duty on, suspended, 4889.

Broad-Seal.—The official seal of a state or nation.

Broad Seal War.—The clerk of Middlesex County, N. J., threw out the vote of South Amboy in the Congressional election of 1838 on account of defects in the returns. The Democrats protested, but the Whig representatives were declared elected and given certificates under the broad seal of the state. When Congress met, Dec. 2, 1839, the House contained 119 Democrats and 118 Whigs outside of the New Jersey contestants. The Clerk of the House refused to recognize the New Jersey Whigs. Great confusion followed. Dec. 5 John Quincy Adams was elected Speaker pro tempore. Dec. 17, after much wrangling, R. M. T. Hunter, of Virginia, was elected Speaker. The Democratic contestants were finally seated.

Bronze Industry. (See Brass, Bronze and Copper Industry.)

Brooklyn (N. Y.), Battle of.—July 2, 1776, Gen. Howe arrived from Halifax and took possession of Staten Island, N. Y. He was soon joined by Sir Henry Clinton from the south and Admiral Lord Howe, his brother, from England, with a fleet and a large land force. By Aug. 1, arrivals of Hessian troops had increased the force under Howe to nearly 30,000. Gen. Charles Lee entered New York the same day that Clinton arrived at Sandy Hook. Washington placed Boston in a state of security and proceeded to the Highlands of the Hudson, 50 miles above New York. The combined American forces numbered about 17,000, under the immediate command of Sullivan, Stirling (Sir William Alexander) (who had succeeded Lee), and Putnam. Aug. 22, 1776, 10,000 men and 40 cannon were landed by the British on Long Island between the present Fort Hamilton and Gravesend villages. American troops to the number of 5,000 under Sullivan guarded a range of hills extending from The Narrows to Jamaica village. On the morning of Aug. 27 a desperate battle was fought. Stirling was taken prisoner and Sullivan was forced to surrender. The American loss was 500 killed and wounded and 1,100 made prisoners. The British loss was 367 killed, wounded, and taken prisoners. Putnam's division of the army was silently withdrawn by Washington under cover of a fog on the night of the 29th.

Brooklyn, The, mentioned, 6317.

Brooklyn, N. Y., site for dry dock at, 934.

Brother Jonathan.—A general name applied to the people of the United States. Its origin is said to be as follows: General Washington found soon after having taken command of the Continental army that it was sadly in need of many articles. Jonathan Trumbull, the elder, at that time Governor of Connecticut, was a friend of Washington and one in whose judgment Washington had great confidence. During a consultation on the state of the army, Washington suggested that they consult "Brother Jonathan," meaning Trumbull. This advice was followed, and Trumbull devised the means of procuring what was desired. The story was told in the army, and the reply to a demand for any article was invariably advice to ask "Brother Jonathan." The phrase became proverbial and has lived to the present time.

Brown's Insurrection.—During the year 1859 John Brown, with a few companions, rented a farm in Maryland, near Harpers Ferry, Va. (now W. Va.), to which he smuggled arms. He had designed a plan for the seizure of the United States armory at Harpers Ferry in which over 100,000 stand of small arms were stored. His object was to free the negro slaves. Sunday evening, Oct. 16, 1859, Brown, with a force of 22 men, seized the armory. The telegraph wires were cut, trains were stopped, and about 60 prisoners taken. It was said he intended after taking the armory to flee to the mountains, where he expected to be joined by the negroes, who were to rise and fight under his leadership. Brown abandoned this plan, however, and remained at the Ferry. The militia was summoned and surrounded him, and, together with some marines and artillery, captured him and his party after a desperate fight, in which he was wounded. John Brown was tried, was condemned to death, and on Dec. 2 was executed by hanging. This incident created tremendous excitement and intensified the growing bitterness between the North and the South. President Buchanan, in his annual message, December, 1859, referred to this insurrection as "the recent sad and bloody occurrences at Harpers Ferry." (3084.)

See illustration opposite 3007.

Brownstown (Mich.), Battle of.—In July, 1812, Governor Meigs, of Ohio, sent Capt. Brush with men, cattle, and provisions to the relief of General Hull, who had crossed the Detroit River into Canada. Learning that a body of British and Indians were lying in wait at Brownstown, at the mouth of the Huron River, to intercept his supplies, Hull sent Major Thomas B. Van Horne with 200 men from Findlays Ohio regiment to act as an escort from the River Raisin to the destination in Canada. Van Horne's detachment had crossed the Ecorces River and was approaching Brownstown Aug. 5 when it found itself in an ambush and almost surrounded by Indians under Tecumseh. The party retreated in disorder with loss, having been pursued part of the way by the Indians.

Brownsville.—On the night of Aug. 13-14, 1906, a riot occurred in Brownsville, Texas, in which one citizen was killed and another wounded and the chief of police seriously injured. (Page 7338.) Bitter feelings had for some time existed between the townspeople and the soldiers of the Twenty-fifth infantry (colored), who were stationed at Fort Brown. According to the theory of the Secretary of War, from nine to twenty men from a battalion of 170 formed a plan of revenge upon some of the people of the town for some real or fancied slight. About midnight they secretly left the barracks and fired through certain houses of the town, with the result noted above. An investigation was at once begun by the inspector-general, who reported that he was unable to obtain any evidence from the troops that they had any knowledge of the affair.

On receiving this report President Roosevelt issued an order dismissing "without honor" the entire battalion, on the ground that there had been formed a "conspiracy of silence" to protect the offenders. (Page 7329.) He assumed that it was impossible that such an affray should have happened without the knowledge of a part or all of the battalion. This action of the President was severely criticised by his opponents, and the Senate passed resolutions calling for all the facts in the case. Senator Lodge defended the President.

Feb. 25, 1908, a committee of the Senate, after investigation, reported that the "shooting up" of Brownsville was done by "some of the soldiers of the Twenty-fifth infantry." (Page 7347.) The action of the President was not passed upon. Two resolutions were introduced in the Senate —one to restore the discharged soldiers with back pay, and the other, authorized by the President, permitting the re-enlistment of such as could satisfactorily show the President that they had not participated in, and had no guilty knowledge of, the shooting in Brownsville.

President Roosevelt recommended that the Secretary of War be allowed to reinstate any soldiers found innocent within a fixed time. (Page 7348.) Senator Lodge denounced a bill to compel the President to reinstate the discharged soldiers as an unconstitutional usurpation of executive authority.

Judge Hough, of the United States Circuit Court for New York, on May 15, 1908, decided in the case of Oscar M. Reid, one of the discharged soldiers, that the President's action was legal, and that the authority therefor was found in the articles of war. The action was brought under an act which allows the Government to be sued in certain cases, and was to recover the pay and emoluments accruing from the date of his discharge to the end of his enlistment. The case was appealed to the Supreme Court.

Brownsville, Tex., blockade of port of, removed by proclamation, 3417.

Brunei.—A section of British Borneo. (See Borneo.)

Brunswick Harbor, Ga., improvement of, referred to, 1496.

Brussels, Belgium:

Exposition in, 1910, participation in, recommended, 7411.

International congress at, for abolition of African slave trade, 5471, 5543.

International Exhibition of Sciences and Industry at, 5187, 5399.

Report of Commissioners to, referred to, 5400.

International Monetary Conference at, in 1892, 5752.

Postponement of, discussed, 5876.

Reports of, transmitted, 5784.

Universal Exposition at, American exhibits at, discussed, 6324.

Bryce Report on Belgian Atrocities.—A report of an English committee headed by Viscount Bryce, formerly ambassador to the United States from Great Britain, investigating and confirming reports that the German troops in their invasion of Belgium, and afterwards during their occupation of that country during the European War (q. v.), had committed wide-spread and horrible atrocities upon male and female noncombatants.

Buchanan, James.—1857-1861.

Eighteenth Administration—Democratic.

Vice-President—John C. Breckinridge.

Secretary of State—

Lewis Cass.

Jeremiah S. Black.

Secretary of the Treasury—
Howell Cobb.
Philip F. Thomas.
John A. Dix.
Secretary of War—
John B. Floyd.
Joseph Holt.
Secretary of the Navy—
Isaac Toucey.
Secretary of the Interior—
Jacob Thompson.
Postmaster General—
Aaron V. Brown.
Joseph Holt.
Horatio King.
Attorney General—
Jeremiah S. Black.
Edwin M. Stanton.

Buchanan was elected by the Democratic party, Nov. 4, 1856. The National Convention, at Cincinnati, June 2-6, 1856, nominated him for President and John C. Breckinridge for Vice-President. Pierce, Douglas, and Cass were the other possibilities for candidates, but in the seventeen ballots taken, Buchanan always led.

Platform.—The platform reiterated many of the elements of the platforms of 1840 and 1844, including such topics as the public lands; opposing the national bank; advocating the sub-treasury system; supporting the veto power; and objecting to further restrictions upon naturalization. To these were added, in 1856, sections denouncing opposition to Catholics; contending for State authority only on the slavery question and non-interference by Congress in this matter; supporting the compromises of 1850; giving emphatic announcement to States Rights; supporting the Monroe Doctrine; advocating the establishment, by government aid, of good communication between the Atlantic and Pacific coasts; and endorsing the administration of President Pierce.

Opposition.—The American (Know Nothing) National Convention, held at Philadelphia, Feb. 22-25, 1856, nominated Millard Fillmore for President and Andrew Jackson Donelson for Vice-President, on a platform advocating the government of America by American-born citizens; refusal to accord office-holding rights to any who recognized allegiance to foreign potentates; raising the period of residence qualification for naturalization to twenty-one years; opposing any union between Church and States; enforcement of all laws. The Republican National Convention, held at Philadelphia, June 17, 1856, nominated John C. Fremont and William L. Dayton on a platform upholding the tenets of the Declaration and the Constitution; condemning slavery; prohibition by Congress within the Territories of polygamy and slavery; sympathy with Kansas; condemnation of the doctrine that "might makes right"; imperatively demanding a transcontinental railroad; acknowledging the constitutionality of the internal improvements policy. The Whig National Convention, held at Baltimore, Sept. 17-18, 1856, endorsed the nominations of Fillmore and Donelson, made by the American party on a platform announcing adherence to the old time Whig doctrines; denouncing sectional antagonism and the formation of geographical parties; and endorsing the administration of Millard Fillmore.

Vote.—The popular vote cast by thirty-one States gave Buchanan 1,838,169; Fremont, 1,341,264; and Fillmore, 874,534. The electoral vote counted Feb. 11, 1857, gave Buchanan, 174; Fremont, 114; and Fillmore, 8.

Party Affiliation.—In his early career, Buchanan sided with the Federalists in disapproving of the War of 1812. Yet he felt it a patriot's duty always to defend his country, and spoke of the war as "glorious in the highest degree to the American character, but disgraceful in the extreme to the administration." During the "era of good feeling," when party and sectional lines were not closely drawn, Buchanan's political views underwent a change. In Congress, during Adams' administration, he became one of the Democratic leaders against the friends of the administration who called themselves National Republicans; and he was always a zealous supporter of General Jackson.

Political Complexion of Congress.—In the Thirty-fifth Congress (1857-1859) the Senate of sixty-four members was composed of thirty-nine Democrats, twenty Republicans, and five Americans; and the House of 237 members was made up of 131 Democrats, ninety-two Republicans, and fourteen Americans. In the Thirty-sixth Congress (1859-1861) the Senate of sixty-six members was composed of thirty-eight Democrats, twenty-six Republicans, and two Americans; and the House of 237 members was made up of 101 Democrats, 113 Republicans, and twenty-three Independents.

Tariff.—In speaking of the revenue, President Buchanan in his Inaugural Address (page 2964) said: "It is beyond all question the true principle that no more revenue ought to be collected from the people than the amount necessary to defray the expenses of a wise, economical, and efficient administration of the Government. . . . Any discrimination against a particular branch for the purpose of benefiting favored corporations, individuals or interests would have been unjust to the rest of the community and inconsistent with that spirit of fairness and equality which ought to govern in the adjustment of a revenue tariff." In his Second Annual Message (page 3052) in discussing the sort of duties, he said: "In regard to the mode of assessing and collecting duties under a strictly revenue tariff, I have long entertained and expressed the opinion that sound policy requires that this should be done by specific duties in cases to which these can be properly applied. . . . The present system is a sliding scale to his (the manufacturer's) disadvantage. Under it, when prices are high and business prosperous, the duties rise in amount when he least requires their aid. On the contrary, when prices fall and he is struggling against adversity, the duties are diminished in the same proportion, greatly to his injury." In his Fourth Annual Message (page 3183) on the same subject, he said: "An impression strangely enough prevails to some extent that specific duties are necessarily protective duties. Nothing can be more fallacious. Great Britain glories in free trade, and yet her whole revenue from imports is at the present moment collected under a system of specific duties."

Foreign Policy.—Domestic affairs were so disturbed during President Buchanan's administration that the foreign policy has been to some extent unappreciated. In his Inaugural Address (page 2966) the President points out that all of the acquisition of territory by the United States has been conducted by purchase or by the voluntary impulse of the people, never by conquest,—even in the case of Mexico, after the war, no advantage was taken of her conquered state, but a fair price was paid to her for the ceded territory. In his Second Annual Address (page 3037) he announces the conclusion of the Perry treaty with Japan. In the same message he discusses the differences with Great Britain, conditions which led to the settlement by President Buchanan of the long standing "right of search."

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT BUCHANAN, 1857-1861.

(NOT INCLUDING TERRITORIES)

FLAG OF 1861

Internal Improvements.—In vetoing "An act making an appropriation for deepening the channel over the St. Clair flats, in the State of Michigan," the President, in his Veto Message (page 3130) clearly expresses his views upon the question: "What a vast field would the exercise of this power open for jobbing and corruption! Members of Congress from an honest desire to promote the interest of their constituents would struggle for improvements within their own districts, and the body itself must necessarily be converted into an arena where each would endeavor to obtain from the Treasury as much money as possible for his own locality. The temptation would prove irresistible. A system of 'log-rolling' (I know no word so expressive) would be inaugurated under which the Treasury would be exhausted and the Federal Government would be deprived of the means necessary to execute these great powers clearly confided to it by the Constitution for the purpose of promoting the interests and vindicating the honor of the country."

Slavery.—In his Inaugural Address (page 2962) President Buchanan treats the whole question of slavery as being settled by the regulations of Congress. "The whole Territorial question," he says, "being thus settled upon the principle of popular sovereignty—a principle as ancient as free government itself—everything of a practical nature has been decided." This is the keynote to all of the President's acts in connection with this subject. The onus rested upon Congress, and it was for him to carry out the laws which Congress had made on the subject. There was no option in his case. He did what the Constitution obliged him to do. The legislature of his administration was in the hands of the pro-slavery party, and the President's conduct in enforcing the laws formulated by them made it appear as though he endorsed their policy. President Buchanan was opposed to slavery; his messages teem with suggestions for conciliatory measures; but he did object to the interference of unsympathetic abolitionists in the affairs of other States. He says (page 2963): "But this question of domestic slavery is of far graver importance than any mere political question, because should the agitation continue it may eventually endanger the personal safety of a large portion of our countrymen where the institution exists. Let every Union-loving men, therefore, exert his best influence to suppress this agitation, which since the recent legislation of Congress is without any legitimate object." In his Third Annual Message (page 3084) the President makes an impassioned appeal to his countrymen to "cultivate the ancient feelings of mutual forbearance and good will toward each other and strive to allay the demon spirit of sectional hatred and strife now alive in the land." While he warns the people of the danger of disruption of the Union, which he professes to believe impossible, yet the happenings at Harper's Ferry serve as the text for a lesson of what may happen. In his Fourth Annual Message (page 3157) the President announces that "The long-continued and intemperate interference of the Northern people with the question of slavery in the Southern States has at length produced its natural effect. The different sections of the Union are now arrayed against each other, and the time has arrived, so much dreaded by the Father of his Country, when hostile geographical parties have been formed. . . . How easy would it be for the American people to settle the slavery question forever and to restore peace and harmony to this distracted country! They, and they alone, can do it. All that is necessary to accomplish the object, and all for which the slave States have ever contended, is to be let alone and permitted to manage their domestic institutions in their own way. As sovereign States, they, and they alone, are responsible before God and the world for the slavery existing among them. For this the people of the North are not more responsible and have no more right to interfere than with similar institutions in Russia or Brazil." Speaking of the President's responsibility and duty in the premises, he says: "After all, he is no more than the Chief Executive of the Government. His province is not to make but to execute laws." Following South Carolina's ordinance of secession of Dec. 20, 1860, the President in a special message to Congress (page 3186) discussed the right of any State to secede.

Buchanan, James:
Admission of states discussed and recommendations of, regarding, 3033, 3086.
Annual messages of, 2967, 3028, 3083, 3157.
Biographical sketch of, 2960.
Constitutional amendment regarding slavery, recommended by, 3169.
Correspondence of, while minister at St. Petersburg, referred to, 3967.
Correspondence of, with Lewis Cass, referred to, 3964.
Cuba, acquisition of, discussed by, 3040, 3066.
Recommended by, 3041, 3092, 3173.
Death of, announced and honors to be paid memory of, 3862, 3863.
Duties on vessels of Italy suspended by proclamation, 2824.
Finances discussed by, 2967, 2988, 3019, 3052, 3073, 3104, 3179.
Foreign policy discussed by, 2966, 2998, 3037, 3041, 3066, 3089, 3092, 3173, 3177.
Inauguration, see illustration opposite 2975.
Instructions to, while minister to England, regarding free ships, etc., referred to, 2910.
Internal improvements discussed by, 3130.
Monroe doctrine reasserted by, 3043, 3177.
Official conduct of, investigated, 3145, 3150.
"Pocket vetoes of," 3073, 3130, 3138.
Portrait of, 2959.
Powers of Federal and state governments discussed by, 2962, 2981, 3028, 3074, 3084, 3130, 3139, 3145, 3150, 3157, 3168, 3186.
Proclamations of—
Day for voting on adoption of code in District of Columbia, 3021.
Duties on vessels of Italy suspended, 3022.
Extraordinary session of Senate, to act upon Executive communications 3026, 3081, 3156, 3203.

Military expedition to Nicaragua, 3027.
Rebellion in Utah, 3024.
Protests of, against proceedings of House of Representatives, 3145, 3150.
Secession discussed by, 3159, 3186.
Secretary of State, 2319.
Slavery discussed by, 2962, 2981, 3028, 3084, 3157, 3186.
State of the Union discussed by, 2967, 3028, 3051, 3063, 3157, 3192, 3200.
Tariff discussed by, 2964, 3052, 3181.
Time allowed President for consideration of bills discussed by, 2993, 3060.
Veto messages of—
Deepening channel over St. Clair Flats, reasons for applying pocket veto, 3130.
Donating lands for benefit of agricultural colleges, 3074.
Relief of—
Edwards & Co., 3138.
Hockaday & Leggit, 3201.
Removal of obstructions in Mississippi River, reasons for applying pocket veto, 3138.
Securing homesteads to settlers, 3139.
Transportation of mail from St. Joseph, Mo., to Placerville, Cal., reasons for applying pocket veto, 3073.

Bucharest, Treaty of, (1918) discussed, 8595.

Buck, The, seizure of, and claims arising out of, 4114, 5198, 5547, 5673, 5873, 5962.
Award in case of, 5673.

Bucket-Shop.—A concern dealing in stocks, bonds, etc.; but, unlike the stock exchange, bucket-shops provide no means for transfer or delivery of certificates; therefore they are simply gambling places where wagers are made on the fluctuations of the market.

Buckeye State.—The nickname given to Ohio because the buckeye tree was indigenous to the soil, and was found in great abundance throughout the state. (See Ohio.)

Bucks Stove Case.—In August, 1907, the Bucks Stove and Range Company of St. Louis brought proceedings in the Supreme Court of the District of Columbia against the officers of the American Federation of Labor to enjoin them from conducting a boycott against the company by advertising that the concern was on the "unfair" and "We-don't-patronize" lists published in the federations official organ. The injunction asked for was issued by Judge Gould Dec. 23, 1907. On the plea that the terms of the injunction were being violated proceedings for contempt of court were brought against Samuel Gompers, president of the American Federation of Labor; John Mitchell, vice-president; and Frank Morrison, secretary. Justice Wright, of the Supreme Court of the District of Columbia, before whom the case was tried, decided Dec. 23, 1908, that the defendants were guilty. Mr. Gompers was sentenced to one year's imprisonment, and Messrs. Mitchell and Morrison to nine months and six months, respectively. They were admitted to bail and the case was appealed to the Court of Appeals of the District of Columbia. This tribunal in a decision rendered Nov. 2, 1909, affirmed the decree of the Supreme Court of the District of Columbia. An appeal was then taken to the Supreme Court of the United States, which on May 15, 1911, handed down a decision reversing the judgments of the Court of Appeals and the Supreme Court of the District of Columbia, and remanding the case, with the direction that the contempt proceedings instituted by the Bucks Stove and Range Company be dismissed, but without prejudice to the power and right of the Supreme Court of the District of Columbia to punish by a proper proceeding any contempt committed against it. The basis of the opinion was that the proceedings brought against the labor union officers was for civil contempt, which could be punished only by a fine. The sentence of the lower court to imprisonment was the penalty for criminal contempt, and therefore it was not a legal punishment in this case. The Supreme Court held that the published or spoken utterance of organized labor could be enjoined or attacked legally, because organized labor is a combination, and, as such, relinquishes the rights of individuals. It also establishes the fact that legal prosecution could be levelled not only at the union itself, but at the officers as well. (See also Boycott.)

Buckshot War.—The election in Philadelphia Oct. 9, 1838, was of considerable importance because upon it hinged the control of the legislature which was to elect a United States Senator. The Democratic candidates for the legislature were elected by small majorities, but their Congressional candidate was defeated. The Democratic return judges thereupon cast out 5,000 Whig votes, claiming fraud. The Whig judges then issued certificates of election to both their Congressional and legislative candidates, and these returns were accepted by the Whig secretary of state. Dec. 4, 1838, the date for the meeting of the legislature, armed partisans of both sets of contestants met at Harrisburg. The Senate, which was Whig, met and adjourned because of the mob. Two warring bodies met in the house (1724, 1725). The Whig governor called upon the militia and tried without effect to obtain Federal aid. The Democratic house was recognized Dec. 25. A remark made during the height of the excitement, that the mob would feel the effect of "ball and buckshot before night," gave the episode the name of the Buckshot War.

Buckshot War, documents regarding, transmitted, 1724, 1725.

Bucktails.—A name applied to the Tammany Society of New York City from the fact that the members of the organization wore buck's tails in their hats as a badge instead of a feather. Between 1812 and 1828 the Bucktails were anti-Clintonian New York Democrats. They were the most vigorous opponents of Clinton's canal policy from its inception in 1817, and the name was later applied to all who opposed this policy throughout the State.

Budget System.—In practically all great countries except the United States, federal appropriations follow the system of a unified and comprehensive budget covering all

expenditures. In Great Britain, for instance, the Chancellor of the Exchequer submits an annual budget statement of the expenditures needed by the Government, for all of which he is personally responsible. This personal responsibility, naturally, gives him the power to alter tentative estimates made to him by the heads of the different departments of the Government. He proposes also the means whereby these appropriations may be raised. In the United States, however, the House of Representatives passes separately upon the estimates submitted to it by the Secretary of the Treasury as received from the different departments, thus making the system decentralized and available only through separate bills.

President Taft urged Congress (pages 7714, 7796, 7831) to provide a budget system for the United States, but Congress did not take the action requested.

Budget System National, urged by President—
Taft, 7714, 7796, 7831.
Wilson, 8810.

Buena Vista (Mexico), Battle of.—After part of his army had been sent to Gen. Scott, Gen. Taylor, with less than 5,000 men, mostly raw militia, was attacked at Buena Vista by Santa Anna's army of 21,000, Feb. 22, 1847. Taylor intrenched himself in the pass of Angostura, in the Sierra Madre Mountains, on the road leading to San Luis Potosi. The engagement began at 3 o'clock in the afternoon and was suspended at dark, the loss to the Americans being but 4 men wounded, while the enemy lost more than 300 killed and wounded. Fighting was renewed at dawn of the 23d and continued until sunset. The Mexicans retired during the night to Agua Nueva. The American loss in killed, wounded and missing amounted to 745; that of the Mexicans upward of 2,000. Jefferson Davis in this battle commanded a Mississippi regiment as its colonel, and saved the army by receiving the charge of the Mexican lancers. His troops were formed in the shape of a V. (See illustration opposite 2332.)

Buena Vista, Mexico:
Battle of, referred to, 2385.
Mutiny in camp of, referred to, 2443.
Buenos Ayres (see also Argentine Republic):
Convention with, ratified, 7672.
Diplomatic relations with, discussed, 2116.
Imprisonment of American citizens in, 632.
Independence of, asserted, 612, 627.
Minister of United States in, returns, 1171.
Revolution in, 2702.
War with Brazil—
Peace concluded, 977.
Questions between United States and Brazil growing out of, 929, 951.
Buffalo, Herds of, preservation of, 7013.

Buffalo (N. Y.), Destruction of.—During the winter of 1813 the British regained Forts George and Niagara. The British and Indians, under the command of Lieut.-Gen. Drummond, Maj.-Gen. Riall, and Col. Murray, overran and laid waste the valley of the Niagara and pressed hard upon Buffalo. Gen. Amos Hall succeeded Gen. McClure at Buffalo Dec. 26, in the command of 2,000 badly organized American troops. On the night of Dec. 29 Riall crossed the river at Black Rock with 1,450 men, largely regulars, and a body of Indians. At sight of the enemy 800 of Hall's troops deserted. He, however, made a gallant defense with the Chautauqua troops and Canadian refugees until he was forced to retreat, keeping the enemy in check and covering the flight of the inhabitants. The British and Indians took possession of Buffalo and proceeded to burn, plunder, and massacre. Only 4 buildings were left standing in the town and only 1 at Black Rock.

Buffalo in 1815. (See illustration opposite 892.)
Buffalo, Pan-American Exposition at, 6382, 6436.
Buffalo Exposition. (See Pan-American Exposition.)

Buford Deportation. — On December 21, 1919, the United States Government deported two hundred forty-nine aliens to Bolshevist Russia, on the Government transport *Buford*. They had been gathered in wide-spread raids of the Department of Justice, shipped hurriedly to New York, and deported without the right of trial (except secret hearings before Department of Justice officials) and without the rights of bail or of habeas corpus. None of the deportees was a citizen of a country with which the United States was on friendly relations, all being citizens of Bolshevist Russia or of nations arising from the collapse of the Tsar's domains. The deportees were accused of being anarchists, communists, criminal syndicalists, and other species of believers in the overthrow of Government. As a whole, public opinion in the United States seemed to favor the deportation, on the ground that a Government has the right to protect itself against those who would overthrow it, except by due process of law; that the deportees belonged to organizations which, in effect, had challenged the Government to war, or to a test of strength; that the unrest in the land would be lessened by the absence of leaders among agitators; and that no person has a right to residence in a land with whose institutions he is not in sympathy. On the other hand, certain other influential sections of public opinion denounced the deportation as inflicting a punishment at utter variance with American traditions; as denying the right of trial to the accused; as punishing men and women for their beliefs, rather than for their actions; as violating the free interchange of opinion guaranteed by the Constitution; and as calculated to strengthen, rather than weaken, subversive beliefs, which, if truly subversive, are always strengthened by persecution and weakened by free and open discussion of them.

Building and Loan Associations.—Corporations organized primarily to enable persons of limited means to secure homes, and, secondarily, to enable such persons to put aside a certain fixed sum at stated intervals, so that the investment may be safe and remunerative. In the beginning the home-building or home-buying fund came entirely from the periodic payments of the members (shareholders). At present prepaid, full-paid and permanent shares are sold by the association, payable in full or in large part on subscription. Special deposits in any amount are received. Shares partly paid are brought to their par value

by adding to payments made dividends apportioned thereto. Special deposits are generally withdrawable by the depositor at pleasure. Installment shares and prepaid shares remain in until they reach their par value. Full-paid shares remain in a certain fixed time. Permanent shares remain in until the dissolution of the corporation. These associations came into existence in England nearly 100 years ago, but were not made the subject of legislative enactment until 1836. The first association established in the United States was the Oxford Provident Building Association, of Frankford, Pa., organized in 1831. Recent figures indicate that there are in the United States some 7,485 associations, with a membership of 4,000,000 and total assets of $1,900,000,000.

Building and Loan Associations, report on, transmitted, 5909.

Buildings, Public:

Acts for erection of, vetoed, discussed, 5553.

Architects for, authority for employing, referred to, 2954.

At Washington destroyed by Great Britain, 530.

Commission appointed to determine extent of security of, against fire referred to, 4432.

Construction of—

Recommended, 4577.

Referred to, 399, 436, 1483, 1911, 2281.

Expenditures for, 985.

Discussed, 4197.

Heating and ventilating referred to, 3110, 3112.

Illustrations of the principal governmental, and most important in Washington, D. C. (See the frontispieces of various Volumes.)

Improvement of, recommended, 831.

Reforms in construction and administration of, 7510.

Bulgaria.—Bulgaria is an independent kingdom in the northeast of the Balkan Peninsula, bounded on the north by Rumania, on the south by Turkey and the Aegean Sea, on the east by the Black Sea, and on the west by Servia and Greece.

The area and population, as given in the census of 1910, before the territorial changes consequent on the Balkan Wars and the World War, were as follows:

Provinces	Area in Square Miles	Population in 1910
Burgas	4,576	351,500
Kiustendil	1,825	231,522
Plevna	2,957	365,868
Philippopolis	3,907	447,309
Rustchuk	2,948	406,309
Shumla	2,316	282,601
Sofia	3,734	481,598
Stara-Zagora	4,095	442,969
Tirnovo	2,989	448,197
Varna	3,485	329,612
Vidin	1,701	237,571
Vratza	2,669	312,460
Total	37,202	4,337,516

In 1917, before the territorial changes resulting from the World War were effected, the population was estimated at 5,520,000 and the area, at 47,750 square miles.

Physical Features.—The Balkan range runs parallel with the Danube, about sixty miles to the north. The Rhodope mountains extend along the southern boundary of Eastern Rumelia. The western portion of Bulgaria is occupied by extensive plateaus which connect the Balkan and Rhodope ranges.

All the rivers of Northern Bulgaria rise in the Balkans and flow northwards into the Danube, the fall being often precipitous.

Bulgarian, a language of the Slavonic group is the national language. Ethnologically, the Bulgars are of ancient Finnish stock, but have become so mixed that at present they represent a combination of Slavic, Teutonic, and Mongoloid elements. The state religion is Greek Catholic, but the state church of Bulgaria has been outside of the orthodox communion since 1870.

History.—The Bulgarian kingdom was originally founded in the seventh century by an incursion of Bulgars across the Danube, and their settlement in a district of the Roman (Byzantine) Empire. At the close of the fourteenth century the kingdom fell under the sway of the Turks, from whose dominion Bulgaria was separated by the Treaties of San Stefano and Berlin (1878) after an armed revolt against Turkish misrule, many heroic engagements marking the course of the struggle. The Treaty of Berlin (July 13, 1878) created the Principality of Bulgaria as a tributary State of the Turkish Empire. In 1886 war broke out between Bulgaria and her western neighbor, the outcome of the Servo-Bulgarian War being the political union of Eastern Rumelia and Bulgaria.

Oct. 5, 1908, the principality of United Bulgaria was declared an independent kingdom, and the present ruler declared himself Tsar (King) of the Bulgarians. The independence was recognized by all the Powers, April 20-29, 1909, the tribute to Turkey being capitalized and the annual payments cancelled. In 1912 Bulgaria (in conjunction with Servia, Montenegro, and Greece) declared war against the Ottoman Empire. The war was prosecuted with the utmost vigor and the town of Adrianople and all Thrace to the Enos-Midia line fell to the share of Bulgaria at the Treaty of London of May 30, 1913, together with parts of Macedonia to the west of Bulgaria. But the second war of Bulgaria against her former allies, who were aided by Rumania, resulted in the treaty of Bucharest (Aug. 6, 1913), by which Bulgaria was shorn of much of the westward extension, and ceded a part of her former territory to Rumania. Turkey also took advantage of Bulgaria's difficulties and reoccupied Adrianople and the adjacent territory.

Bulgaria and the World War.—In October, 1915, Bulgaria joined the Central Powers in the World War, largely because her interests conflicted with those of Servia, one of the Entente, and largely to achieve control over a large section of the Bulgar race under Greek control in Macedonia and over other sections of the Balkans of which she had been deprived by her defeat in the Second Balkan War. In 1919 and 1920, Bulgaria was rent by severe internal disturbances, which left her future political structure uncertain.

Government.—A Constitutional monarchy, hereditary in the male line of a prince, "freely elected by the population and confirmed by the Sublime Porte with the assent of the Powers." The Constitution was adopted April 29, 1879.

The National Assembly (Sobranje) consists of 213 representatives (1 for 20,000 inhabitants), elected by direct manhood suf-

frage for a maximum duration of four years. Certain matters are reserved for the *Grand* Sobranje, which is similarly elected (when occasion demands) with twice the number of representatives. There are departmental courts and courts of appeal (Sofia, Rustchuk,, and Philippopolis). The supreme court of appeal is the Court of Cassation at Sofia. The Greeks, Muhammedans and Jews have special spiritual courts for family law and the law of inheritance.

Service in the Army is universal and compulsory on all males between the ages of 20 and 46. The Peace Effective is 3,844 officers, 54,037 others. War Effective, Field Army, 275,000; Territorial Army, 55,000.

Education.—Recent figures show 47 high schools, 316 lower middle schools, 155 special schools, and 4,590 elementary schools, with 10,800 teachers and 500,000 pupils. There is a higher degree of education and literacy in Bulgaria than in most other sections of the Balkan peninsula. There is a university of standing at Sofia. Education is compulsory to the age of 12.

Finance.—Before the war, the annual budget called for an average expenditure of some $25,000,000. Since the war, the budget has been in the neighborhood of $90,000,000. On December 1, 1917, the public debt was about $500,000,000. The unit of currency is the leva, which is equal to about $.20 in American currency.

Production and Industry.—Over 70 per cent. of the population live by agriculture, and more than one-third of the land is under cultivation, one-third being woods and forests and the remainder barren mountain. The principal crop is wheat, but wine, tobacco, silk, cotton, and rice are also largely cultivated, while attar of roses is produced in large quantities from the rose fields of the sheltered valleys. The peasants own their own land and as members of the communes have grazing and wood-cutting rights over the communes' pasture- and wood-lands.

By law, all minerals belong to the state. There is much mining of coal, iron and stone.

The latest figures indicate an annual wheat crop of 1,040,000 metric tons; of rye, 215,000 metric tons; of barley, 320,000 metric tons; of oats, 110,000 metric tons; of tobacco, 35,000,000 kilos. There is much growing of fruit.

The 1910 census showed 8,670,000 sheep, 1,465,000 goats, 1,606,000 cattle, 525,000 pigs and 600,000 horses and mules.

Trade.—In the last pre-war year, imports to Bulgaria were valued at $45,000,000 and exports from Bulgaria, at $30,000,000. The chief countries of imports, according to rank, were Austria-Hungary, Germany, United Kingdom, France, Italy, Turkey. The chief countries of export, according to their rank, were Germany, United Kingdom, Turkey, Austria-Hungary and France. There were three chief routes for the foreign trade —The Black Sea, the mainland railway and the Danube.

The chief imports are textiles, metals, machinery, hides and leather. The chief exports are wheat, maize, cattle, silk cocoons, hides and skins and attar of roses.

In 1913, there entered and cleared from Bulgarian ports some 11,755 vessels of 3,150,000 tons.

Communications.—Latest figures show 1,825 miles of railway, most of which is state road; 3,700 miles of telegraph lines, with 11,600 miles of wire and 436 officers; 57 telephone systems with 12,000 miles of wire, and 2,515 post-offices.

Bulgaria:
Diplomatic relations with, establishment of, recommended, 4759.
Massacre by Turks in, referred to, 4376.
People of, to be helped, 8618.

Bull Moose.—An emblem of the Progressive Party.

Bull Run (Va.), Battle of, or First Battle of Manassas.—For the double purpose of menacing Washington and preventing an advance of the Federal troops into Virginia, the Confederates during the summer of 1861 collected a large body of troops in the vicinity of Manassas Junction, Va. The position was 33 miles southwest of Washington. The troops here assembled numbered, including all reenforcements received during the battle, about 32,000, under command of Gen. Beauregard. The senior officer, Gen. J. E. Johnston, after his arrival on the field, did not take the actual command. The aggregate force of Union soldiers in and around Washington was 34,160 men. Both armies were composed mostly of undisciplined volunteers. July 16, 1861, Maj.-Gen. McDowell began a general forward movement. Lieut.-Gen. Scott advised postponement until the forces should be better prepared for service, but his warning was disregarded. The Federal army was divided into 5 divisions. Leaving 5,700 men under Brig.-Gen. Runyon to guard the approaches to Washington, the other 4 divisions, aggregating 28,500 men, under Brigadier-Generals Tyler, Hunter, Heintzelman and Miles, advanced to Bull Run, a tributary of the Potomac River, about 30 miles from Washington, on the way to Manassas Junction. Hunter's and Heintzelman's divisions crossed the run July 21 and attacked the Confederate left, slowly forcing it back. Beauregard's army, when the action began, consisted of about 24,000 available men. He was reenforced at intervals during the day by 8,000 men under Johnston, who had been encamped in the Shenandoah Valley and whose junction with the main army it was thought would be prevented by Gen. Patterson. The latter had been stationed at Martinsburg with 18,000 men. Between 3 and 4 o'clock in the afternoon, when everything seemed favorable to the Federals, the last 3,000 of Johnston's men, under Gen. Kirby Smith, arrived and fell upon the Federals, forcing a retreat. This attack was followed by another by Early's brigade, and the Federal retreat became a rout. Men threw away their arms and equipments; artillery horses were cut from their traces and guns abandoned on the road; soldiers, civilians, and camp followers fled panic-stricken toward Washington afoot, astride, and in carriages. The retreating army and followers reached Washington July 23. The casualties of the battle were: Federal losses—killed, 481; wounded, 1,011; missing, 1,216; total, 2,708. Confederate losses—killed, 387; wounded, 1,582; missing 13; total, 1,982. This battle was the first very important engagement of the war. (See also Groveton (Va.), Battle of; Manassas (Va.), or Bull Run, Second Battle of.)

Bullion.—Gold, silver, or other metals en masse, or undefined state, as distinguished from coin.

Bullion State.—A nickname for Missouri (q. v.). (See also States.)

Buncombe.—To talk buncombe is to speak for effect on persons at a distance, without regard to the audience present. The phrase originated near the close of the debate on the famous "Missouri Question," in the Sixteenth Congress. It was then used by Felix Walker, a naïve old mountaineer who resided at Waynesville, in Haywood, a western county of North Carolina, near the border of the adjacent county of Buncombe, which was in his district. The old gentleman rose to speak while the House was impatiently calling "Question," and several members gathered around him, begging him to desist. He persevered, however, for a while, declaring that the people of his district expected it, and that he was bound to make a speech for Buncombe.

Bunker Hill, or Breeds Hill (Mass.), Battle of.—After the battles of Lexington and Concord the British force under Gen. Gage was increased to 10,000 men by the arrival of Generals Howe, Clinton, and Burgoyne from England. These officers occupied the town of Boston, on a peninsula extending into the harbor. On the surrounding hills were encamped some 20,000 undisciplined Americans. On the night of June 16, 1775, 1,000 of them under Col. Prescott were sent to fortify Bunker Hill, on another peninsula lying north of Boston. Through some misapprehension they seized Breeds Hill, near Boston, and threw up a line of fortifications. In the morning of the 17th, about 3,000 (possibly 3,500) British crossed the harbor in boats and charged the hill, which was defended by about half that number of raw recruits. After three bloody charges the Americans were driven from their position, having defended themselves with gunstocks and stones when their ammunition was exhausted. The British loss was about 1,050; that of the Americans about 450, including Gen. Warren. The statistics of this battle show the number of killed and wounded to have been more than 30 per cent of the number engaged, thus placing it among the bloodiest battles known to history. At Gettysburg after three days' fighting, the Union army lost 25 per cent while 30 per cent of those who fought at Bunker Hill fell in an hour and a half.

Burchardism.—A term of reproach applying to indiscreet utterances by political promoters, due to the unfortunate reference by Reverend Samuel Dickinson Burchard to the Democratic Party as a party of "Rum, Romanism and Rebellion" (q. v.).

Bureau.—From the meaning in general use, —namely, a place where business is transacted,—the word "Bureau" has come into use as descriptive of a department of the government, like the Bureau of Education, Bureau of Engraving and Printing, etc.

Bureaucracy.—A government conducted through the instrumentality of bureaus; also used to characterize the office-holders so conducting the government.

Bureaucracy will not develop from Food Administration, 8263.

Bureau of Accounts, State Department.—The Bureau of Accounts was first organized in the re-adjustment of the Department of State in 1870. It directs the finances of the department, controls all its receipts and expenditures, and supervises its funds and accounts. (See State Department.)

Bureau of Animal Industry. (See Animal Industry, Bureau of.)

Bureau of Biological Survey. (See Biological Survey, Bureau of.)

Bureau of Chemistry. (See Chemistry, Bureau of.)

Bureau of Construction and Repair, Navy Department.—This bureau plans the construction of new vessels and of necessary changes on old vessels, both those under construction in United States Naval Yards and those under contract in private yards. Under its supervision come also the construction of and repairs on submarines and aircraft. It maintains a staff which periodically examines all ships of the United States Navy for repairs and alterations. (See Navy; Navy Department.)

During the first year of the war with Germany, the Bureau expended some $50,000,000 for general work and $110,000,000 for new construction. During that year contracts were let for 949 vessels, including 100 submarine chasers for an ally. The work of the Bureau included the repair and fitting for service of a number of interned German ships and of more than 700 private vessels taken over for service, with some 50 vessels turned over by other Government Departments. The Bureau prepared plans for new destroyers, submarine chasers, mine sweepers, and other forms of vessels, including many 200-foot patrol vessels. It prepared also in conjunction with the Shipping Board (q. v.) designs for simplified merchant vessels of between 400 and 800 feet in length. It also developed and contracted for a gas mask.

Extensive orders were given for sea planes, flying boats, etc., both in private establishments and at the Government naval aircraft factory in Philadelphia authorized by the Secretary of the Navy on July 27, 1917, ground being broken on August 10, the first machine being turned out by this factory on March 1, 1918. In all its purchases, the Bureau held to the principle of competitive buying.

Bureau of Corporations. (See sub-heading Corporations under article Commerce Department.)

Bureau of Crop Estimates. (See Crop Estimates, Bureau of.)

Bureau of Education.—(See Interior Department and Education, Bureau of.) Provision was made for a Commissioner of Education by enactment approved March 2, 1867. He is appointed by the President, by and with the consent of the Senate, and his yearly salary is $5,000. He administers and distributes the collection of facts and statistics showing the condition of education in the various states. He diffuses such educational information, particularly information concerning the organization and the management of schools and methods of teaching, as shall promote the cause of education throughout the country. The Bureau of Education also issues bulletins on the condition of the higher education in the United States, on the advance of technical and industrial education, and on the enactment and enforcement of compulsory school attendance laws. The Commissioner of Education has charge of the education, support, and medical condition of the Alaskan natives.

In addition, the Bureau of Education serves as a kind of education clearing-house

for the country. It advises educational authorities in all localities, and maintains a corps of experts whose services are available for all manner of educational institutions. But the Bureau goes further—it encourages to the limit of its ability what seem to it to be desirable trends in education, as the payment of more adequate salaries to teachers; and the establishment of public school systems organized into six years of primary and six years of secondary education (the so-called "Six-and-six plan"), instead of the customary system of eight years of primary and four years of secondary education. The Commissioner of Education also pays particular attention to the encouragement of education after the student has left school, and supports this endeavor extensively by the promotion of the establishment of country libraries. He inspects, surveys and grades colleges, universities, and professional schools; and helps in standardizing and modernizing school plants and provision for school sanitation. In recent years the Bureau has expended much of its energy in the stimulation and organization of industrial education and education for home-making; in the encouragement of gardening; and in the general improvement of negro education. It is actively helping to establish new kindergartens and to make more available the various opportunities for education in the home. It also is co-operating with other departments of the Government and with public and private civic and social welfare organizations in promoting education for citizenship, better facilities for educating and Americanizing immigrants, and in extending night schools.

The last report of the Commissioner of Education shows that there are in the United States 20,560,701 pupils in the elementary schools; 1,485,119 in the public secondary schools; 215,718 in private secondary schools; 259,511 in colleges and universities; 69,876 in professional schools; in normal schools, 111,672; in other institutions, 1,154,293, making a total close to 24,000,000.

The cost of education for the last year of which figures are available was $914,804,171, distributed as follows: Public elementary schools, $558,391,364; public high schools, $82,325,689; private elementary schools, $53,282,400; universities, colleges and professional schools, $110,532,396; private secondary schools, $14,598,204; normal schools, $17,682,144; other schools, $77,991,974.

Bureau of Education:
Discussed by President—
Grant, 4066, 4207.
Hayes, 4531, 4578.
Establishment of, referred to, 4066.
National, purposes of, 7227.

Bureau of Efficiency. (See Efficiency, Bureau of.)

Bureau of Engraving and Printing. (See Engraving and Printing, Bureau of.)

Bureau of Entomology. (See Entomology, Bureau of.)

Bureau of Fisheries. (See Fisheries.)

Bureau of Foreign and Domestic Commerce, Commerce Department.—This bureau was organized in 1912, combining the activities and functions of the Bureau of Statistics (see Statistics, Bureau of) and the Bureau of Manufactures (see sub-heading Manufactures under Commerce Department). It is charged with the encouragement and development of United States manufacturing interests both at home and abroad. It collects, supervises, and distributes reports from the 10 commercial attachés and 19 commercial agents of the Department, as well as the trade reports of the United States consuls (q. v.). It provides general statistical information which will enable American manufacturers and merchants to invest capital abroad with the most beneficial results. It also issues authentic statistics of exports, and reports on the costs of production in various industries. The Bureau's reports and criticisms of commercial conditions aim to be constructive so well as informing, and for this purpose it has divided the country into commercial districts, over each of which presides an officer of the Bureau. (See Commerce; Commerce Department.)

Bureau of Foreign and Domestic Commerce, services of, discussed, 8038.

Bureau of Health. (See Health, Bureau of.)

Bureau of Immigration. (See Commissioner of Immigration.)

Bureau of Insular Affairs. (See Insular Affairs, Bureau of.)

Bureau of Investigations, Department of Justice.—This bureau aids in detecting violation of Federal laws, among which may be mentioned the Federal White Slave Act (q. v.), the Anti-trust law (q. v.), the United States Neutrality laws (see Neutrality), the Bankruptcy acts (q. v.), and the acts prohibiting peonage. The Bureau, through its division of accountants, enforces the national banking laws, investigates mail-frauds and offenses against the bankruptcy enactments. Another division is charged with the examination of the offices of United States court officials, looks into the conduct of the court officials, and investigates the characters of applicants for appointments. (See Justice Department.)

Bureau of Labor Statistics. (See Commissioner of Labor Statistics.)

Bureau of Lighthouses. (See Lighthouses.)

Bureau of Medicine and Surgery, Navy Department.—This bureau is under the direction of the Surgeon-general of the Navy. It is charged with supervision over the health and sanitary conditions of the Navy, Naval Stations (q. v.), and Naval Academy (q. v.). It maintains naval hospitals, a naval medical school, and hospital and medical corps. (See Navy; Navy Department.)

Bureau of Mines. (See Mines, Bureau of.)

Bureau of Naturalization. (See Commissioner of Naturalization.)

Bureau of Navigation, Commerce Department.—A Bureau of Navigation was constituted in the Treasury Department in 1884, transferred to the Department of Commerce and Labor when that department was organized in 1903, and was kept in that department when the Department of Labor was separated from it in 1913. The Bureau of Navigation is directed by the Commissioner of Navigation, who superintends conditions surrounding the commercial marine and merchant seamen of the United States over whom jurisdiction is not definitely as-

signed to some other authority. The Commissioner of Navigation decides all questions concerning the registers and licenses of vessels, superintends the laws relating to navigation, and prepares and publishes annually a list of United States vessels in the commercial marine, with full data thereon. He also investigates the working of the laws of navigation and recommends new laws when they seem to be advisable. He is appointed by the President, by and with the consent of the Senate, and his yearly salary is $4,000. (See Merchant Marine; Commerce Department.)

Bureau of Navigation, Navy Department.—This bureau is charged with the manning of all vessels in the Navy, and the determination of the personnel of the Navy, under which head fall the recruiting of sailors and the commissioning of officers. It also conducts the Naval Training Stations (see Naval Stations) and the Naval Observatory (q. v.). Through the Hydrographic Office (q. v.), it controls the issuance of charts for use in the Navy, and it superintends the publication of the "Nautical Almanac" (q. v.). It has charge of the enlistment of the Naval Reserve, of the establishment and the administration of the various naval districts into which the country is divided, of the courses in naval warfare in the War College (q. v.) and elsewhere, and of the naval service trade schools. (See Navy; Navy Department; Navigation.)

Bureau of Ordnance, Navy Department.—This bureau has charge of the construction and design of all guns, shells, armor, powder, torpedoes, mines, magazines, and other pieces of ordnance used in the Navy. It also manages the United States Naval Gun Factory and the Naval Torpedo Station. (See Navy Department; Navy.)

Among the ordnance plants and factories operated by the Bureau are many owned by the Government, including the Naval Gun Factory at Washington, D. C., the Naval Powder Factory at Indian Head, Md., the torpedo station at Newport, R. I., the Naval Proving Ground, the projective plants at South Charlestown, West Va., and an armor-plate factory at the same location. The Bureau also provided guns for the arming of American merchant vessels. Methods of protecting against submarine attack, such as the depth bomb non-ricocheting shells and smoke producing apparatus, new types of mines, and sea planes have all been manufactured through the Bureau. The new naval 16-inch guns were also completed during the first year of war.

Bureau of Pensions. (See Pensions and Interior Department.)

Bureau of Plant Industry. (See Plant Industry, Bureau of.)

Bureau of Soils. (See Soils, Bureau of.)

Bureau of Standards, Commerce Department.—This bureau is charged with the examination of all manner of standards of measurements, of quality, and of mechanical performance and practice, to see that they conform to the official standards at Washington, which are in the custody of the Bureau. The Bureau is charged also with the solution of problems concerning standards, either for the Government, a state, a city, or any society, institution, or firm in the United States, although it charges a fee for such service, except that rendered to the Government or to any State. It serves as a testing bureau for all governmental departments at Washington. Its work is divided into examinations of standards falling under the following divisions: 1, Weights and measures; 2, Heat and thermometry; 3, Electricity; 4, Light and optical instruments; 5, Chemistry; 6, Engineering, research and testing; 7, Metallurgy; 8, Miscellaneous materials. The Bureau is administered by a Director, whose yearly salary is $5,000.

Bureau of Steam Engineering, Navy Department.—This bureau plans all machinery repairs to United States vessels, and also has charge of the machinery in use at the United States Navy Yards. It maintains an engineering station at Washington. It also inspects the radio equipment at the United States naval stations and wireless stations, examines engineering material used in the Navy Yards and on vessels, and has charge of other engineering supplies. (See Navy; Navy Department; Naval Stations.)

Bureau of the Census. (See Census.)

Bureau of War Risk Insurance.—The Bureau of War Risk Insurance was created on September 2, 1914, in order to assist commerce in American vessels and to grant war risk insurance, but not maritime insurance, on the hulls or on the cargoes of American vessels. From the creation of the Bureau to June 30, 1917, it had issued 6,883 policies, amounting to $646,717,912. It had to cover losses amounting to $11,649,697, but received premiums amounting to $15,208,730. The Bureau is under the supervision of the Treasury Department (q. v.).

In 1917, the Sixty-fifth Congress provided further for the insurance of the personal effects of masters, officers and crews of American ships, and against their loss of life or injury. It provided also for compensation for detention after capture by the enemy. The Secretary of the Treasury is authorized, in his discretion, to compel the owners of such vessels to insure their masters, officers and crews against loss of life, personal injury, and capture for a principal sum ranging from $1,500 to $5,000, of which percentages are to be paid for various losses. The Bureau of War Risk Insurance was authorized also to reinsure vessels flying foreign friendly flags, or their cargo insured by any ally of the United States, and to reinsure with any such government American vessels and their cargoes.

By September 1, 1918, the Bureau had insured over 4,000,000 persons in the Army and Navy for over $37,000,000,000, the largest total of insurance carried by any agency in the world.

For the work of the Bureau of War Risk Insurance in insuring American soldiers and sailors, see the article Soldiers' and Sailors' Insurance.

Bureau of Yards and Docks, Navy Department.—The Bureau of Yards and Docks supervises the United States navy yards, navy stations, dry docks, and other naval depots; and also has control over the construction of naval hospitals and naval barracks. (See Navy Department; Navy; Navy Stations; Navy Yards.)

Burnt Corn Creek (Ala.), Battle of.—As a result of Tecumseh's efforts to induce all the Southern Indians to join in a war of extermination against the whites, the Creeks were divided into two factions—one for war, the other for peace. In 1813 Peter McQueen, a half-breed of Tallahas-

see, one of the leaders of the war party, was furnished by British agents at Pensacola with large quantities of supplies, under sanction of the Spanish governor. On learning of this Col. James Caller, of Washington, set out July 25, 1813, to disperse the Indians McQueen had collected and intercepted the supplies. On the morning of July 27 Caller's command, increased by reenforcements to 180 men, came upon McQueen's party at their camp on Burnt Corn Creek. The Indians were surprised and fled into the woods, leaving their pack horses to the whites. They soon returned, however, and fiercely attacked 100 of Caller's men. Overwhelming numbers compelled Caller's men to retreat after a brave resistance. Two of Caller's command were killed and 15 wounded.

Burr Conspiracy.—In consequence of Burr's duel with Hamilton, in which the latter met his death, Burr was indicted in New York and New Jersey for murder. (See illustration opposite 430.) He went west and made an extensive tour, in the course of which he made preparations for a gigantic but mysterious scheme. The real object of this is unknown. It was either to separate the Mississippi Valley from the rest of the Union and erect it into a new nation, or to conquer Mexico. In 1806 he gathered a number of reckless persons about him and started for the region of Texas, ostensibly on a colonizing expedition. President Jefferson issued a proclamation warning citizens against joining the expedition. Burr was arrested by Jefferson's order, brought back to Virginia, and indicted there by a United States Grand Jury for treason and for a misdemeanor, based on his course in levying war within this country on a friendly nation; but it was hoped that Burr could also be shown to have had treasonable designs against the unity of his country. He was acquitted of treason for want of jurisdiction, on the failure of the evidence required by Article 3, section 3, clause 1 of the Constitution; he was also acquitted for misdemeanor. He was bound over to present himself for trial in Ohio, but the matter was pressed no further. One of Burr's dupes in this scheme was Harman Blennerhasset, who was also arrested, but who was discharged after Burr's acquittal. Among the witnesses against Burr were Gen. Wilkinson, commander of the United States army, and Commodore Truxtun, of the navy. Washington Irving was one of his attorneys.

Burr Conspiracy:
Mentioned by President, 394.
Proclamation against, 392.
Progress of, 400.

Business and Business Conditions.—The following figures present a concrete picture of business conditions in the United States in various and typical forms of business enterprise at the beginning of the year 1922 as contrasted with previous years.

Textiles.—On January 1, 1922, the consumption of wool was 59% higher than in 1913, but the average consumption for 1921 was only 35% higher than that for 1913, practically the same as the consumption for 1917, 8% less than in 1918, 5% less than in 1919, but 9% higher than in 1920. Imports of unmanufactured wool in 1921 were 111% more than in 1913, 29% less than in 1916, 30% less than in 1918, 28% less than in 1919, but 23% more than in 1920.

Exports of cotton, including linters, in 1921 were 26% less than in 1913, 9% less than in 1916, the same as in 1919 and 4% more than in 1920. Cotton consumed, not including linters, in 1921 was 7% less than in 1913, 30% less than in 1917, 14% less than in 1919 and 20% less than in 1920. Cotton on hand, in mills and warehouses on January 1, 1922, was 6,915,037 bales, as compared with an average of 6,089,184 bales in 1921, 4,818,977 in 1920, 5,087,141 in 1919, 4,189,890 bales in 1918 and 3,102,240 in 1913. The cotton crop in 1921 was 36% lower than the 1909-13 average, 26% lower than the 1916 crop and 1919 crop and 38% lower than the 1920 crop. The exports of cotton cloth in 1921 were 24% higher than in 1913, but 28% lower than in 1917, 2% higher than in 1918, 20% lower than in 1919 and 33% lower than in 1920.

Knit underwear manufacture in 1921 showed six times more orders than in the latter half of 1920, 39% fewer cancellations, and 20% greater actual production. In November, 1921, in the manufacture of finished cotton goods, there were 31% more orders received, 70% more goods billed, 48% more goods shipped, 27% more goods in storage and 53% greater capacity operated than in the average month in the latter half of 1920.

The cotton ginned in 1921 was about 8,000,000 bales, as compared with 13,270,970 in 1920; 11,325,532 in 1919; 11,906,480 in 1918 and 15,905,840 in 1913.

In January, 1922, the average price of cotton to the producer was $.16 per pound, as compared with an average of $.12 for 1921, $.32 for 1920, $.30 for 1919, $.29½ for 1918, and $.12 for 1913. Cotton print cloth, 27-inch, Boston, sold at $.06 a yard on January 1, 1922, as compared with an average of $.05 for 1921, $.12½ for 1920, $.10 for 1919, $.11 for 1918 and $.03½ for 1913. Unwashed wool sold at $.17 a pound to the producer on January 1, 1922, as compared with an average of $.38 for 1920, $.51 for 1919, $.58 for 1918 and $.17 for 1913.

Women's dress goods, storm serge, all wool, double warp, 50-inch, New York, sold at $.81½ a yard on January 1, 1922, as compared with an average of $.88 for 1921, $1.34 for 1920, $1.46½ for 1918, $1.09 for 1917 and $.77 for 1913. Suitings, wool-dyed, 55-56-inch, were selling at $2.83½ a yard on January 1, 1922, as compared with an average of $2.93 for 1921, $4.18 for 1920, $4.01 for 1919, $3.16 for 1917 and $1.54½ for 1913. Raw silk, Japanese Kansat, No. 1, sold at $7.59½ a pound on January 1, 1922, as compared with an average of $6.03½ for 1921, $8.27 for 1920, $8.88 for 1919, $6.27 for 1918, $5.49 for 1917 and $3.64 for 1913.

Metals and Metal Products.—In 1921, the movement of iron ore through the Sault Sainte Marie canals was 55% less than in 1920, 46% less than in 1919, 58% less than in 1918 and 47% less than in 1913. The exports of iron and steel in 1921 were 55½% less than in 1920, 50% less than in 1919, 59% less than in 1918, 67% less than in 1917 and 20% less than in 1913. Exports of copper in 1921 were the same as in 1920, 40% more than in 1919, 12% less than in 1918 and 27% less than in 1913.

The wholesale price of pig iron, foundry No. 2 northern, Pittsburgh, was $21.96 per long ton on January 1, 1922, as compared with an average of $25.17 for 1921, $44.90 for 1920, $30.31 for 1919, $41.39 for 1917 and $16.00 for 1913. On January 1, 1922, copper ingots, electrolytic, were $0.14 a pound, as compared with an average of

$0.13 for 1921, $0.18 for 1920, $0.19 for 1919, $0.29 for 1917 and $0.16 for 1913. Pig lead, desilverized, sold at wholesale on January 1, 1922, for $.047 a pound, as compared with $.046 as the average for 1921, $.081 for 1920, $.191 for 1919, $.294 for 1917 and $.044 for 1913.

Pig tin sold at wholesale on January 1, 1922, for $.326 a pound, as compared with an average for 1921 of $.299, $.503 for 1920, $.852 for 1918 and $.449 in 1913. Spelter zinc, western, sold at wholesale on January 1, 1922, for $.053 a pound, as compared with an average of $.052 for 1921, $.081 for 1920, $.083 for 1918 and $.058 for 1913.

In the month of December, 1921, the production of pig iron was 1,649,086 tons and of steel ingots, 1,694,884 tons, as compared with a monthly average of 1,378,097 tons and 1,665,369 tons, respectively, in 1921; 3,032,843 tons and 3,406,783 tons, respectively, in 1920; 3,208,837 tons and 3,587,585 tons, respectively, in 1918, and 2,560,342 tons and 2,523,344 tons, respectively, in 1913.

In December, 1921, the unfilled orders of the United States Steel Corporation amounted to 4,268,414 tons, as compared with an average for 1921 of 5,330,507 tons, 10,022,532 tons in 1920, 10,715,712 tons in 1917 and 5,906,862 tons in 1913. The earnings of the United States Steel Corporation in December, 1921, were $4,967,000, as compared with a monthly average of $7,726,000 in 1921, $14,724,000 in 1920, $15,595,000 in 1918, $27,798,000 in 1916 and $11,432,000 in 1913.

The production of copper in 1921 was approximately 61% less than in 1920, 59% less than in 1919, 72% less than in 1917 and 68% less than in 1913. The production of zinc was 55% less in 1921 than in 1920, 58% less than in 1919, 68% less than in 1917 and 1916, and 38% less than in 1913. However, the production of zinc in December, 1921, was 23% higher than the monthly average for 1921. The receipts of lead at St. Louis in 1921 were 4% lower than in 1920, but 47% higher than in 1919, 17% higher than in 1918, 48% lower than in 1917 and 92% higher than 1913. The receipts in December, 1921, were 33% higher than the monthly average for 1921.

Coal, Power and Petroleum.—The production of coal in 1921 was 27% less than in 1920, 11% less than in 1919, 30% less than in 1918, 19% less than in 1916 and 15% less than in 1914. The production of bee-hive coke in 1921 was less than 30% of that of 1920, less than 20% of that of 1918 and 17% of the production in 1913. The electric power produced in public utility plants in 1921 was 7% less than in 1920, but 5% more than in 1919, and the production for December, 1921, was 11% higher than the monthly average for 1921.

The production of petroleum in December, 1921, was 7% higher than the monthly average for 1921. The production for 1921 was 4% higher than in 1920, 23% higher than in 1919, 40% higher than in 1917 and 89% higher than in 1913.

Automobiles and Tires.—The production of passenger automobiles in 1921 was 18% less than in 1920 and 7% less than in 1919, but 66% more than in 1918. The production of trucks in 1921 was 55% less than in 1920, 54% less than in 1919, 12% more than in 1917 and 50% more than in 1916. The production of pneumatic tires in November, 1921, was 93% higher than the monthly average from November, 1920, to April, 1921.

Boots and Shoes, Hides and Leather.—The number of pairs of boots and shoes produced in December, 1921, was 24,096,965, as compared with 27,549,497 as the monthly average for 1919. In November, 1921, the packer hides and skins were 35% less than the monthly average from September, 1920, to August, 1921; sheep and lamb skins were 2% more; sole and leather belting produced was 22% more (finished leather); upper leather (finished) was 37% more.

Exports of boots and shoes in 1921 were 47% less than in 1920; 58% less than in 1919; 39% less than in 1917 and 11% less than in 1913.

On January 1, 1922, calfskins No. 1 (Chicago) were selling at $.14 a pound, as compared with a monthly average of $.15 for 1921, $.37 for 1920, $.68½ for 1919, $.40½ for 1917 and $.19 for 1913. Sole hemlock, middle No. 1 (Boston), on January 1, 1922, was selling at $.34 a pound, as compared with a monthly average of $.36 for 1921, $.53 for 1920, $.48 for 1918 and $.28 for 1913. The average monthly cost of a pair of men's vici-calf blucher shoes which were selling on January 1, 1922, for $6.75 was $7.00 in 1921; $8.95 in 1920; $7.60 in 1919; $5.63 in 1918; $3.71 in 1916 and $3.11 in 1913.

Building Statistics and Supplies and Construction.—The contracts awarded for building in 1921 were 36% more in number than in 1920, but 3% less in square feet and 7% less in value. As compared with 1919, 1921 showed 5% fewer contracts, representing 30% fewer square feet and 9% lower value. With respect to the value of the contracts alone, those awarded in 1921 were 41% higher than in 1918, 44% higher than in 1917, 153% higher than in 1915 and 176% higher than in 1913. The greater number of contracts awarded in 1921 was for educational buildings, hospitals and institutions, public and educational buildings; the lower number was for business and industrial buildings. With respect to contracts in 1921 for residential buildings, the number was 72% more than in 1920 and 3% more than in 1919; the square feet represented were 51% more than in 1920, 15% less than in 1919, 37% more than in 1917 and 10% less than in 1915. (These figures were derived from 25 northeastern states and the District of Columbia.)

The production of yellow pine in 1921 was 5% higher than in 1920, 1% less than in 1919, 2% higher than in 1918 and 11% less than in 1917. The production of Douglas Fir in 1921 was 22% less than in 1920, 21% less than in 1919 and 1918, and 15% less than in 1917.

Southern pine flooring selling for $43.57 a thousand feet on January 1, 1922, cost in 1921 on the average $35.98, $74.53 in 1920, $55.00 in 1919, $31.54 in 1917 and $23.04 in 1913. Douglas Fir No. 1 common selling for $11.50 per thousand feet on January 1, 1922, cost on the average $11.83 in 1921, $29.92 in 1920, $25.42 in 1919, $15.87½ in 1917 and $9.21 in 1913.

Common brick selling for $8.93 per thousand on January 1, 1922, cost on the average $9.33 in 1921, $11.44 in 1920, $8.95 in 1919, $4.95 in 1917 and $4.94 in 1913. Cement selling for $1.50 a barrel on January 1, 1922, cost on the average $1.54 in 1921, $1.80 in 1920, $1.66 in 1919, $1.53 in 1917 and $1.00 in 1913. Structural steel beams selling for $.015 per pound on Janu-

ary 1, 1922, cost on the average $.021 in 1921, $.028 in 1920 and 1919, $.043 in 1917, and $.016 in 1913.

Construction cost on the whole, including cost of steel, cement, lumber and common labor, on January 1, 1922, was 17% lower than in 1921, 30% lower than in 1920, 19% lower than in 1919, 17% lower than in 1918, 11% lower than in 1917, 23% higher than in 1916, 72% higher than in 1915, 81% higher than in 1914 and 68% higher than in 1913.

Crop Production.—(See Agricultural Products.)

Farm Products Prices.—On January 1, 1922, No. 1, Northern spring wheat, Chicago, sold at $1.25 a bushel, as compared with an average of $1.47 for 1921, $2.60 for 1920, $2.56 for 1919, $2.32 for 1917, $0.91 for 1913. Corn selling at $0.48 a bushel on January 1, 1922, sold at an average of $0.58 in 1921, $1.41 in 1920, $1.60 in 1919 and 1918, $0.82½ in 1916 and $0.62½ in 1913. Rye selling at $0.86 a bushel on January 1, 1922, sold in 1921 at an average of $1.21, $1.87 in 1920, $1.53 in 1919, $1.87 in 1917 and $0.64 in 1913. Oats selling at $0.36 a bushel on January 1, 1922, sold in 1921 at an average of $0.39, $0.70 in 1919, $0.64 in 1917 and $0.38 in 1913. Barley selling at $0.55 a bushel on January 1, 1922, sold in 1921 at an average of $0.63½, $1.26 in 1920, $1.30½ in 1918, $0.62½ in 1913.

Steers selling at $8.22 a hundred pounds on January 1, 1922, sold in 1921 at an average of $8.76, $14.49 in 1920, $17.50 in 1919, $12.81 in 1917 and $8.51 in 1913. Hogs selling at $6.74 a hundred pounds on January 1, 1922, sold in 1921 at an average of $8.36, $14.19 in 1920, $18.24 in 1919, $15.70 in 1917, $8.37 in 1913. Lambs selling on January 1, 1922, at $10.50 a hundred pounds sold in 1921 at an average of $10.00, $15.90 in 1920, $16.13 in 1919, $16.09 in 1917 and $7.80 in 1913.

The total receipts of cattle in 1921 were 12% less than in 1920, 20% less than in 1919, 14% less than in 1917; of hogs, 3% less than in 1920, 8% less than in 1919, 8% more than in 1917; of sheep, 7% more than in 1920, 11% less than in 1919, 25% more than in 1917.

Foreign Trade of the United States.—(See Commerce.)

Foreign Exchange.—On January 1, 1922, the British pound sterling, par $4.87, sold at $4.16, as compared with an average for 1921 of $3.85, $3.66 in 1920, $4.43 in 1919, $4.76 in 1918. The French franc, par $.193, sold at $.078, as compared with an average of $.075 in 1921, $.07 in 1920, $.137 in 1919 and $.178 in 1918. The German mark, par $.238, sold at $.005, as compared with an average of $.011 in 1921, $.018 in 1920, $.03 in 1919. The Italian lire, par $.193, sold at $.044, as compared with an average of $.043 in 1921, $.05 in 1920, $.114 in 1919, $.134 in 1918. The Canadian dollar, par $1.00, sold at $.93, as compared with an average in 1921 of $.81, $.89 in 1920 and $.96 in 1919.

Transportation.—On January 1, 1922, there were 470,516 idle freight cars, as compared with a monthly average of 339,026 for 1921, 24,194 for 1920, 189,396 for 1919, 68,680 for 1918 and 23,592 for 1917. The shortage of freight cars was 110, as compared with an average of 1,896 for 1921, 82,056 for 1920, 24,174 for 1919, 52,360 for 1918 and 112,934 for 1917. The number of freight cars in bad order was about twice the normal number.

On January 1, 1922, the average weekly loadings were 10% less than the average for 1921, 20% less than 1920, 6% less than 1919.

Railway freight revenues for 1921 were 8% less than in 1920, 11% more than in 1919, 41% more than in 1917 and 87% more than in 1913. Passenger revenues for 1921 were 10% less than in 1920, 2% less than in 1919, 40% more than in 1917 and 68% higher than in 1913. In 1921, total operating revenues were 10% lower and total operating expenses 20% lower than in 1920; revenues 8% higher and expenses 5% higher than in 1919; revenues 14% higher and expenses 16% higher than in 1918; revenues 39% higher and expenses 63% higher than in 1917; and revenues 83% higher and expenses 113% higher than in 1913.

To summarize, the net railway operating income for 1921 was about 10 times that for 1920, 29% higher than in 1919, 3% lower than in 1918, 32% lower than in 1917 and 7% lower than in 1913.

The average monthly tons of freight carried one mile in 1921, with two months missing, were 22% less than in 1920, 12% less than in 1919, 20% less than in 1918, 17% less than in 1917. Receipts per ton-mile in 1921, with two months missing, by monthly average, were 21% higher than in 1920, 31% higher than in 1919, 50% higher than in 1918 and 77% higher than in 1917 and 1913.

Retail Trade.—The retail sales of Sears, Roebuck and Company and Montgomery, Ward and Company for 1921 were 18% less than in 1920 and 1919, but 14% higher than in 1918 and 114% higher than in 1913. The retail sales of F. W. Woolworth and Company, S. S. Kresge and Company, McCrory and S. H. Kress and Company in 1921 were 12% higher than in 1920, 30% higher than in 1919, 42% higher than in 1918 and 159% higher than in 1913.

Magazine advertising in 1921 in amount was 36% less than in 1920, 22% less than in 1919, 9% more than in 1918, almost the same as in 1917 and 1916 and 20% higher than in 1913. Newspaper advertising in amount in 1921 was 10% less than in 1920, but 3% more than in 1919 and about 40% more than in 1918, 1917 and 1916.

United Cigar Store sales in 1921 were 3% less than in 1920, 24% higher than in 1919, 80% higher than in 1917 and 161% higher than in 1913.

Owl Drug Store sales in 1921 were 7% higher in 1920, 32% higher than in 1919, practically 100% higher than in 1917 and 170% higher than in 1913.

American Wholesale Corporation sales in 1921 were 9% less than in 1920, 1½% less than in 1919, 40% higher than in 1917 and 61% higher than in 1913.

Department store sales, as shown by 145 stores, in 1921 (with December missing) had a 11% lower monthly average of sales than in 1920, but a 5% higher average than in 1919. Grocery Chain Stores in 1921 (with December missing) had a 17% lower monthly average of sales than in 1920, but a 14% higher average than in 1919.

NOTE—In these figures, and others in this article, the decrease in the purchasing value of the dollar in the latter years of the War must be borne in mind.

Labor.—In New York state factories on January 1, 1922, there were 2% more employees than in 1921, on the average, 25% less than in 1920, 21% less than in 1919, 27% less than in 1917 and the same as in 1914. The total payroll of these factories in December, 1921, was 18% less than the monthly average for 1921, 30% less than that for 1920, 13% less than that for 1919, 20% more than that for 1917 and 98% higher than the average for 1914.

In Wisconsin factories in December, 1921, the number of employees was the same as the monthly average in 1921, 30% less than in 1920 and 1919, 32% less than in 1918, and 10% less than in 1915. The total payroll of these factories in December, 1921, was 5% less than the monthly average in 1921, 47% less than in 1920, about the same as in 1919, 7% less than in 1917 and 63% more than in 1915.

For the whole United States, the number of employees in factories was 8% less at the beginning of 1922 than at the beginning of 1921.

In December, 1921, the average weekly earnings in Wisconsin factories were 5% lower than the average in 1921, 24% lower than in 1920, 8% lower than in 1919, 4% higher than in 1918, 32% higher than in 1917, 54% higher than in 1916 and 83% higher than in 1915.

The wages of common labor per ten-hour day in the plants of the United States Steel Corporation in the Pittsburgh district on August 29, 1921, were $3.00, as compared with $4.07 in May, 1921; $5.06 in February, 1920; $4.20 in August, 1918; $3.30 in October, 1917; $2.50 in May, 1916; and $2.00 in February, 1913.

Cost of Living and Prices.—(See Cost of Living.)

Banking.—In New York City, debits to individual accounts in 1921 were 15% less than in 1920 and 1919. In the last month of 1921, they were 19% higher than the average for 1921. Outside New York City, debits to individual accounts were 23% lower than in 1920 and 9% lower than in 1919. In the last month of 1921 they were 9% higher than the 1921 average.

Bills discounted by the Federal Reserve Banks in December, 1921, were 33% less than the average for the year, 53% less than the monthly average for 1920, 39% less than that for 1919 and about the same as that for 1918. The reserves of the Federal Reserve Banks on January 1, 1922, were 9% less than the average for 1921, 22½% less than that for 1920, 7% less than that for 1919 and 26% higher than that for 1918. Their deposits on January 1, 1922, were about equal to the average for 1921, 9% less than that for 1920 and 1919, and the same as that for 1918.

Member banks of the Federal Reserve system on January 1, 1922, had 3% less total loans, discounts and investments than the average for 1921, 12% less than that for 1920 and 2% less than the average for 1919. Their net demand deposits on that day were the same as the average for 1921, but 10% less than the average for 1920, 4% less than that for 1919 and 9% higher than that for 1918.

Bank clearings in New York City in December, 1921, were 14% higher than in 1921, on the average, 9% less than in 1920, 6% less than in 1919, 25% higher than in 1917 and 105% higher than in 1913. Outside New York City they were 7% higher in the last month of 1921 than the average for the year, 18% less than that for 1920, 7% less than that for 1919, 10% higher than that for 1917 and 112% higher than the average for 1913.

Business Finance.—The monthly average of business failures in 1921 was 1,638, with liabilities of $52,283,000, as compared with 740 and $24,593,000 in 1920; 538 and $9,441,000 in 1919; 834 and $13,585,000 in 1918; 1,416 and $16,351,000 in 1916; 1,336 and $22,723,000 in 1913.

Dividends and interest payments in 1921 were 4% higher than in 1920, 12% higher than in 1919, 18% higher than in 1918, 67% higher than in 1916 and 100% higher than in 1913. New capital issues in 1921 were 16% lower than in 1920, 13% lower than in 1919, 95% higher than in 1918, 20% higher than in 1916 and 60% higher than in 1913. The value of the capital of the new incorporations in the principal eastern states in 1921 was 47% less than in 1920 and 37% less than in 1919, but 263% greater than in 1918, 77% higher than in 1916 and 285% higher than in 1913.

New York Stock Exchange sales of stocks in 1921 were 24% lower in number of shares than in 1920, 45% lower than in 1919, 19% higher than in 1918, 26% lower than in 1916 and 106% higher than in 1913. Sales of bonds in 1921 were 10% lower in value than in 1920 and 6% lower than in 1919, but 77% higher than in 1918, 200% higher than in 1916 and more than 600% higher than in 1913. The average monthly sales of both stocks and bonds were higher in the last two months of 1921 than the monthly average for the whole year.

Interest Rates, Security Prices and Bond Issues.—On January 1, 1922, New York call loans were at 5.10%, as compared with a monthly average of 6.02% in 1921, 7.82% in 1920, 6.51% in 1919, 5.27% in 1918, 3.40% in 1917, 2.53% in 1916 and 3.18% in 1913. Commercial double-name paper was at 5.13%, as compared with a monthly average of 6.55% in 1921, 7.34% in 1920, 5.42% in 1919, 5.86% in 1918, 4.73% in 1917, 3.42% in 1916 and 5.78% in 1913.

Stock prices of 25 industrials on January 1, 1922, were at $82.07 a share, as compared with a monthly average of $79.78 in 1921, $107.21 in 1920, $106.08 in 1919, $85.33 in 1917 and $58.15 in 1913. Stock prices of 25 railroads on January 1, 1922, were at $54.36 a share, as compared with a monthly average of $53.27 in 1921, $56.07 in 1920, $62.10 in 1919, $69.02 in 1917 and $82.92 in 1913. The average price of 40 bonds (10 highest grade and 10 second grade rail, 10 public utility and 10 industrial) was $64.10 a share on January 1, 1922, as compared with an average of $60.15 for 1921, $59.70 for 1920, $69.07 for 1919, $75.58 for 1917 and $76.76 for 1915.

Municipal bonds of 20 large cities on January 1, 1922, had an average yield of 4.38%, compared with an average of 5.08% in 1921, 5.00% in 1920, 4.49% in 1919, 4.26% in 1917 and 4.45% in 1913. The new issues of long term municipal bonds in 1921 ($108,691,000) amounted to 69% more than in 1920 and 1919 each, 193% more than in 1917 and 219% more than in 1913.

Payments.—The following table shows the percentage of payment items to total number of transactions, from reports of manufacturers and wholesalers on items concerning merchants or jobbers to whom they sell. The commodities covered are largely textiles.

Locality	Jan. 1922	—Monthly Average— 1921	1920	1919	1916
	%	%	%	%	%
Whole Country...	50	52	59	61	55
Pacific Coast ...	53	59	63	62½	57
Mountain States.	48	54	60	60	58
North Farming..	54	53	59	60	55
Middle Farming..	53	57½	62	64½	58
South Farming..	45	48	55	57	50
Eastern States...	53	56	61	62	57

Orders.—The following table shows the percentage of items pertaining to orders to total number of items reported:

Locality	Jan. 1922	—Monthly Average— 1921	1920	1919	1916
	%	%	%	%	%
Whole Country..	25	25	28	28	28
Pacific Coast....	29	26	31	31	33
Mountain States.	27	25	29	30½	31
North Farming..	24	24	26	27	26
Middle Farming..	28	26	30	29	27
South Farming...	25	25	27	28	28
Eastern States...	23	23	27	27	26

Indebtedness.—The following total shows the percentage of items relating to the creation of indebtedness to the total number of items reported:

Locality	Jan. 1922	—Monthly Average— 1921	1920	1919	1916
	%	%	%	%	%
Whole Country...	42	37	36	34	39
Pacific Coast.....	40	31	32	28	34
Mountain States.	39	34	34	31	35
North Farming..	38	36	35	35½	39
Middle Farming..	41	36	35	34	38
South Farming...	45	38	38	35½	41
Eastern States...	41½	37	35	32	39

Separate articles upon the activities of the more important branches of manufacture in the United States, according to the most recent reports of the Census of Manufactures available at the time of going to press, will be found in their alphabetical positions in the Encyclopedic Index.

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Butter, Cheese and Condensed Milk.—A recent report of the Census Bureau gives figures for this industry just preceding the time when war conditions made it and all other industries abnormal. The figures are given in an adjoining table. The report does not include figures for considerable quan-

	Total	Butter	Cheese	Condensed Milk
Number Establishments	7,628	4,356	3,082	190
Persons Engaged	34,795	21,516	5,654	7,625
Capital	$105,812,304	$ 59,625,448	$11,139,004	$35,047,852
Wages and Salaries	21,977,895	14,090,240	2,274,213	5,613,442
Cost of Materials	315,025,635	212,546,847	46,758,685	55,720,103
Value of Products	364,285,150	243,379,371	51,744,779	69,161,000

tities of butter manufactured as a by-product of establishments primarily for the sale of milk and cream, nor for factories operated as adjuncts of farms.

Before 1909, New York ranked first in this industry, but of later years Wisconsin has replaced New York, the center of the industry shifting from the Eastern to the North Central States.

The following table shows the rank of the leading states:

State	Value Products	Percentage
Wisconsin	$72,858,592	20.0
New York	43,262,309	11.9
Minnesota	33,746,396	9.3
Iowa	27,605,968	7.6
Illinois	21,792,220	6.0
Michigan	21,549,597	5.9
California	20,466,428	5.6
Ohio	19,325,977	5.3

Of the wage-earners, 91 per cent were male and 9 per cent female. The summer months are the most active in the industry. The hours are long, almost 10,000 of the 23,000 wage-earners being employed in establishments where the prevailing hours of labor are 60 per week, and more than 7,000 where the prevailing hours are more than that.

Separate products were as follows:

Milk, Pounds	8,431,426,426
Cost	$114,297,630
Cream, Pounds	2,384,192,766
Cost	$160,934,127
Skimmed Milk, Pounds	525,041,086
Cost	$994,201
Sugar, Pounds	98,836,640
Cost	$4,408,053
Butter, Pounds	769,809,781
Value	$218,021,690
Cheese, Pounds	370,278,599
Value	$50,377,018
Condensed Milk, etc.	873,410,504
Value	$58,747,252

Of the establishments, 2,819 were owned by individuals, 1,675 by corporations, and 3,134 by others. But 62 per cent of the wage-earners were employed in the establishments owned by the corporations, and they produced 55 per cent of the value of the products.

Of the butter establishments, 456 produced annually products valued at above $100,000, and 2,428 at between $20,000 and $100,000. Of the cheese establishments, 47 produced products valued annually at above $100,000 and 762 at between $20,000 and $100,000. Of the condensed milk establishments, 130 produced products valued annually at above $100,000.

Condensed milk shows an increase in production for the decade 1899-1909 amounting to 307,874,757 pounds, or 164.7 per cent. The bulk of this product was reported by a small number of states. New York produced 24.4 per cent. of the total quantity in 1909, Illinois 23.1 per cent., and Washington 10.8 per cent., the combined output of these three states representing 58.4 per cent. (See also Dairying and Cattle Raising.)

Butterfield, Carlos & Co., claim of against Denmark for seizure of the *Ben Franklin* and *Catherine Augusta*, 4462, 5369.

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Award of arbitrator, 5545.

Buttons, Manufacture of. —A census report for the button industry covers the activities of the industry in its normal state before the advent of abnormal conditions of war-times, as follows:

Number Establishments	517
Persons Engaged	16,296
Capital	$19,075,374
Salaries and Wages	8,075,236
Cost of Materials	8,702,200
Value of Product	20,711,979

The production was as follows:

	Gross
Total	60,211,158
Bone	2,198,946
Collar and cuff	1,771,053
Fresh-water pearl, shell	21,664,436
Ocean pearl, shell	4,516,969
Shoe	15,520,037
Blanks or moulds	14,304,148
Covered	3,017,436
Vegetable ivory	5,250,000

Of the separate kinds of buttons, the fresh-water pearl is essentially American, its manufacture dating from around 1890, the shells being taken from the Mississippi and its tributaries. The manufacture of ocean-pearl buttons originated in the Orient in the seventeenth century, although it was not until later that machines were used. Vegetable iron buttons were first manufactured in the United States at Leeds, Mass., in 1862. Metal buttons were made in England as early as 1689, but the industry had small proportions until the nineteenth century. In the United States gilt buttons were manufactured in Connecticut as early as 1802. Celluloid buttons were made as early as 1875 in the United States, but became of great commercial importance first in 1908.

By Chance, claim for, adjusted, 3464.

Cabal.—Originally used in the reign of King Charles II, because of intrigue charged against five men, the initials of whose names spelled the word,—namely, Clifford, Ashley, Buckingham, Arlington, and Lauderdale. In American politics the word has come to mean a conspiracy to achieve private ends at the expense of the Government.

Cabinet.—Specifically, a body of counselors, usually composed of heads of departments, meeting in a private room or cabinet. In the United States the term is applied to the council composed of the heads of some of the Executive Departments of the Government, with whom the President confers on matters of administrative policy. Their meeting as advisers of the President is unknown to law or the Constitution and their conclusions have no binding force. The Constitution does not provide for a Cabinet, but it authorizes the President to "require the opinion in writing of the principal officer in each of the Executive Departments upon any subject relating to the duties of their respective offices." Washington required such opinions frequently. Cabinet officers receive a yearly salary of $12,000. (See State Department, Treasury Department, War Department, Justice Department, Post-Office Department, Navy Department, Interior Department, Agriculture Department, Commerce Department, Labor Department.)

Changes have taken place in the method pursued, and the Cabinet is now regarded as an advisory board with which the President holds regular consultations. From being merely the heads of the Executive Departments certain of its members have come to be recognized as an essential part of the Government. (See also Presidential Succession and Administration.)

When the Constitution was adopted in 1787, Congress was given the power to establish certain administrative departments. Almost as soon as the new government was organized, it enacted a law establishing three departments to be known as the Department of State, the Treasury Department, and the Department of War. All of these departments, as a matter of fact, had existed since 1781 under the Articles of Confederation. The office of Attorney-General had been established a little later, so that there were four members of the body of Washington's official advisers. Included in the Department of State at that time was most of the work now performed by the Department of the Interior. It is of interest to note, however, that the office of Postmaster-general was created soon after the adoption of the Declaration of Independence, though not as a Department. The history of these and of the later departments is given in the articles under the headings of the several departments.

Cabinet:
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Cables (see also Ocean Cables):
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Caddo Indians. (See Indian Tribes.)

Cadet.—A private in the army preparing to qualify for a commission; a student in a military school, especially West Point, preparing for the rank of officer; also a candidate for admission as cadet on the nomination of the President, or a United States Senator, or a Member of Congress. By act of Congress in 1902, the title "midshipman" superseded the title "naval cadet." (See Military Academy.)

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Calapona Indians. (See Indian Tribes.)

Calaveras Big Tree Grove, preservation of, 6859.

Calebee Creek (Ala.), Battle of.—In his expedition against the Creek Indians Gen. Floyd, with more than 1,200 Georgia volunteers, one company of cavalry, and 400 friendly Indians, arrived at Calebee Creek on the night of Jan. 26, 1814, and established a camp on the highland bordering on the swamp of that name in Macon County, Ala., 50 miles west of Fort Mitchell. Before dawn of the following morning the camp was suddenly attacked by Indians. The assailants were received with grapeshot, followed by a bayonet charge, and fled in dismay. They left 37 dead. The whites lost 17 killed and 132 wounded. Of the friendly Indians 5 were killed and 15 wounded. Floyd retired to Fort Mitchell, where most of his men were discharged. No other expedition against the Creeks was organized in Georgia.

California.—One of the Pacific Coast states; nickname, "The Golden State"; motto, "Eureka" (I have found). California is named, it is said, after a fictitious island in the Spanish romance "Las Sergas de Esplandian." Other authorities derive the name from the Spanish words "caliente" (hot) and "fornalla" (furnace). The State extends from lat. 32° 30′ to 42° north and from long. 114° to 124° 25′ west, an area of 158,297 square miles. It is bounded on the north by Oregon, on the east by Nevada and Arizona, and on the south by lower California, and on the west by the Pacific Ocean. Its capital is Sacramento, and San Francisco is the chief city. The State is famous for its beautiful scenery, its salubrious climate, and its wealth of precious metals and choice fruits. (See illustration opposite 2019.)

From the time of its discovery to 1846 it was practically a part of Mexico. July 5, 1846, Col. John C. Frémont assumed command of the insurgents at Sonoma and on July 7 the Star and Stripes were hoisted over Monterey by order of John D. Sloat, commanding the U. S. Pacific squadron. Gold was discovered Jan. 19, 1848. Feb. 2, of the same year, California and New Mexico were ceded to the United States by the treaty of Guadaloupe Hidalgo. It

was admitted to the Union Sept. 9, 1850, as a result of the famous Clay compromise resolutions passed by Congress. (See Compromise of 1850.) Statistics of agriculture collected for the last Federal Census place the number of farms in the State at 88,197, comprising 27,931,444 acres, valued, with stock and improvements, at $1,614,694,584.

Latest available figures for the acreage, bushels and value of the various crops were: Corn—85,000; 2,975,000; $5,740,000; Wheat—500,000; 7,590,000; $16,395,000; Oats—175,000; 5,000,000; $5,265,000; Hay—2,375,000; 3,000,000 tons; $60,000,000; Potatoes—90,000; 12,870,000; $15,450,000; Cotton—180,000; 100,000 bales; $15,000,000; Barley—1,320,000; 34,320,000; $40,000,000.

Latest figures for the farm animals are: 435,000 horses; 63,000 mules; 560,000 milch cows; 1,650,000 other cattle; 2,945,000 sheep; and 1,000,000 swine. There are nine ostrich farms. The last wool clip was more than 12,000,000 pounds.

Almost all fruits are produced in the greatest abundance.

Latest figures for the gold output are 971,000 fine ounces, valued at $20,000,000; silver, 1,775,000 fine ounces, $1,463,000; copper, 48,500,000 pounds, $13,250,000; lead, 21,650,000 pounds, $1,862,000; quicksilver, 24,385 flasks of 75 pounds, $2,400,000; asphalt, 220,000 short tons, $2,100,000. California ranks with Oklahoma as leading in the production of petroleum, the latest annual figures for production being 95,400,000 barrels, valued at $87,000,000. All of the borax produced in the United States comes from California. An abundance of other minerals brings the value of the annual mineral production to $200,000,000.

The 1920 census gave the population as 3,426,861.

California:
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- Affairs of, report of, transmitted, 2579, 2584.
- Alien land law discussed, 7873, 7875.
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- Circuit court of United States in, referred to, 3282.
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- Constitution adopted by, 2570.
- Constitutional convention in, referred to, 2556, 2584.
- Cuartel lot in Monterey, survey and disposal of, discussed, 5504.
- Customs collected in, 2586.
- Days of Forty-Nine in, illustration, opposite 2019.
- Difficulty between consul of France and authorities of, 2835.
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- Expeditions organized in, for invasion of Mexico, 2770.
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- Mail facilities should be afforded citizens of, 2489, 2560.
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- Mineral lands in, disposition of, discussed, 2493, 2558, 2623, 2663.
- Mines in, referred to, 2486, 2493.
- Mine, branch of in, recommended, 2486, 2557, 2621.
  - Construction of, discussed, 2747.
- National military forces to be used at election in, referred to, 4076.
- Payment of settlers for improvements on Round Valley Reservation is recommended, 4692, 4781.
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  - Modifications in laws regarding, recommended, 2623.
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Vigilance committee in, application of governor to maintain law against usurped authority of, 2916.
California and Oregon Railroad, commissioners appointed to report upon, referred to, 4865.

Cambodia.—A French protectorate in French Indo-China. Its area is some 45,000 square miles and its population, about 1,700,000.

Cambrai, Battle of. (Consult World War.)
Cambrian, The, ordered from and forbidden to re-enter waters of United States, 391.
Camden (S. C.), Battle of. (See Sanders Creek (S. C.), Battle of.)

Camouflage.—Officially, the art of military concealment; in common connotation, "faking."

Camoufleur.—One who practices camouflage (q. v.).

Camp Alger, Va., mentioned, 6774.

Campaign Contributions.—At the extra session of the Sixty-second Congress an act was passed to provide for the publicity of contributions for the purpose of influencing elections at which representatives in Congress are elected. This act forbids any candidate for representative from giving, contributing, expending, using or promising any sums in the aggregate exceeding $5,000 in any campaign for his nomination and election. A candidate for Senator is limited to $10,000. Sworn statements of all expenditures must be filed in Washington not less than ten nor more than fifteen days before the time for holding any primary election or nominating convention, and not less than ten nor more than fifteen days before the day of the election at which the person is to be balloted for.

Campaign Contributions, publication of, discussed, 7015, 7439.

Campfire Girls of America.—An association of girls similar in purpose to the Boy Scouts (q. v.). It was founded by Mrs. C. V. Gulick in 1913. Each group must consist of a guardian and at least five other members—it is called a campfire. There are about 7,400 camps and more than 100,000 members.

Canada.—The Dominion of Canada occupies the whole of the northern part of the North American Continent (with the exception of Alaska and part of the coast of Labrador), from 49° north latitude to the Arctic seas, and from the Pacific to the Atlantic Ocean.

AREA AND POPULATION

Provinces	Area (English Sq. Miles)	Population
Alberta	255,285	374,663
British Columbia	355,855	392,480
Manitoba	251,832	455,614
New Brunswick	27,985	351,889
Nova Scotia	21,428	492,338
Ontario	407,262	2,523,274
Prince Edward Island	2,184	93,728
Quebec	706,834	2,003,232
Saskatchewan	251,700	492,432
Yukon	207,076	8,512
North-West Territories	1,242,224	18,481
Total	3,729,665	7,206,643

The rural population, in 1911, was 3,925,679, and the urban population, 3,280,964. Of the immigrants in 1911-12, 108,082 were from England, 2,019 from Wales, 30,735 from Scotland, and 9,706 from Ireland, total 150,542; and 139,009 came from the United States and 112,881 from other countries. In 1912-13 the immigrants numbered 402,432.

On Jan. 1, 1919, the population was estimated at 8,593,000. In the census of 1911, 78% of the population was reported as Canadian-born and 11% as born in other English territory.

The 1911 census reported the population of the largest cities as follows: Montreal, 470,480; Toronto, 376,538; Winnipeg, 136,035; Vancouver, 100,041.

There are only 886 women to every 1,000 men in Canada. The density of the population is 1.93 to the square mile. 55% of the population is rural and 45% urban.

The census taken in 1911 showed that 34% of the people are engaged in agriculture; 9% in building trades; 8% in domestic and personal service; 18% in manufacturing pursuits; 10% in trade and merchandise; 3% in hunting, fishing and lumbering; and 8% in transportation.

Except in certain rural parts of Quebec, where the French-Canadians have preserved their old French *patois*, English is generally understood in the Dominion. The French-Canadians inhabit mostly the eastern parts of Ontario and Quebec. Both French and English are official languages—for instance, in the Quebec legislature, French is usually spoken, whereas in the Canadian Parliament, English is the rule. However, a person resident in Canada needs both languages.

In 1911, the distribution of the various denominations was as follows:

Roman Catholic	2,833,041
Presbyterian	1,115,324
Methodist	1,079,892
Episcopalian	1,043,017
Baptist	382,666
Mennonites	44,611

The percentage of illiteracy among the population over the age of 6 is 8½. Quebec is the only province without a compulsory education law.

The following are the immigration figures for Canada of recent years:

	United Kingdom	United States	Others	Total
1912..	138,121	133,710	82,406	354,237
1913..	150,542	139,009	112,881	402,432
1914..	142,622	107,530	134,726	384,876
1915..	43,276	59,779	41,734	144,789
1916..	8,664	36,937	2,936	48,537
1917..	8,282	61,389	5,703	75,374

History.—Canada was originally discovered by Cabot in 1497, but its history dates

only from 1534, when the French took possession of the country. The first settlement (Quebec) was founded by them in 1608. In 1759 Quebec succumbed to the British forces under General Wolfe, and in 1763 the whole territory of Canada became a possession of Great Britain by the Treaty of Paris of that year. Nova Scotia was ceded in 1713 by the Treaty of Utrecht, the Provinces of New Brunswick and Prince Edward Island being subsequently formed out of it. British Columbia was formed into a Crown colony in 1858, having previously been a part of the Hudson Bay Territory, and was united to Vancouver Island in 1866. By the British North America Act, passed in 1867, the Provinces of Canada (Ontario and Quebec), Nova Scotia, and New Brunswick were united under the title of The Dominion of Canada, and provision was made in the Act for the admission at any subsequent period of the other provinces and territories of British North America.

Physical Features.—From a physical point of view Canada may be divided into an eastern and a western division, the Red River Valley, in long. 97°, forming the separating line. The eastern division comprises three areas: (1) The southeastern area, which is generally hilly, and sometimes mountainous, with many fine stretches of agricultural and pastoral lands. (2) The southern and western area, presenting in the main, a broad, level, and slightly undulating expanse of generally fertile country, with occasional step-like ridges or rocky escarpments. The main hydrographical feature is the chain of lakes, with an area of 150,000 square miles, contributing to the great river system of the St. Lawrence. (3) The northern area, embracing nearly two-thirds of the Dominion, with an average elevation of 1,000 feet above the level of the sea, pre-eminently a region of waterways, and including the great Laurentian mountain range. In this area are found the other great river systems, the Nelson and the Mackenzie. The western division referred to may also be said to possess two areas equally distinct in character. The first stretches from the Red River Valley to the Rocky Mountains. Here, between lat. 49° and 54°, is the great Prairie Region, rising to the west in three terrace-like elevations. North of the 54th parallel the country passes again into forest. The second area, from the western edge of the Prairie to the Pacific coast, is a distance of 400 miles, and contains the Rocky Mountains (Mount Hooker, 15,700 feet) and the Gold and Cascade Ranges, whose summits are from 4,000 to 16,000 feet high, the country being on the whole densely wooded.

Government.—Canada is a self-governing Dominion within the British Empire, its constitution resting on the British North America Act of 1867, under which the Dominion of Canada came into being on July 1, 1867 (Dominion Day.) The Executive power is vested in a Governor-General appointed by the Sovereign and aided by a Privy Council.

Parliament consists of a Senate and a House of Commons. The Senate consists of 87 members, nominated for life by the Governor-General, distributed between the various provinces. The House of Commons is chosen every five years at longest, and the 1911-16 Parliament consists of 221 members.

By act of the English Parliament, the life of the Canadian Parliament which would have terminated in 1916 was lengthened to Oct. 7, 1917.

Justice is administered, as in England, by judges, police magistrates, and justices of the peace, of whom the first-named are appointed by the Governor-General, for life, from among the foremost men at the Bar in the several provinces. The highest court is the Supreme Court of Canada, composed of a Chief Justice and five puisne judges, and holding three sessions in the year at Ottawa. The only other Dominion Court, viz., the Exchequer Court of Canada, is presided over by a separate judge, and its sittings may be held anywhere in Canada.

Women have the right of suffrage in Manitoba and Alberta. Manitoba, British Columbia and Ontario forbid the sale of intoxicating liquors.

Army.—Service in the Militia is universal and compulsory on all male citizens from 18 to 60. The Peace Effective consists of a Permanent Staff of 3,520 officers and men, and 74,000 undergoing service. The War Effective consists of four classes: the unmarried men 18 to 30; the unmarried men 30 to 40; the married men 18 to 45; and, finally, the remaining male citizens of 18 to 60, a total of 2,153,000.

Canada rallied to the support of the mother country in the European War, and it was estimated that 420,000 officers and men had been sent to Europe in the Canadian Expeditionary Force by the time of the armistice with Germany. The total casualties were about 215,000, including between 50,000 and 60,000 dead.

Education is under the control of the provincial governments, the cost being met by local taxation, aided by grants from the several Provincial Governments. There are some 25,000 elementary and secondary schools (attendance at the former being compulsory), with over 1,137,000 pupils; and sixty universities and university colleges with 40,000 students. The twenty universities had about 10,000 students in 1912.

Production and Industry.—According to the census of 1911, there were 6,328 butter and cheese factories and 5 factories for preserved milk and cream, the total value of all dairy products being $39,143,089 in 1911. The fisheries are an important source of wealth and include salmon, cod, herrings, mackerel and lobsters, the total value of the catch in 1912-3 being $32,973,179; in 1913-4, $33,207,748; in 1914-5, $31,264,631; 1915-6, $35,860,708; 1916-7, $39,208,378. The lumber lath and shingles produced in Canada in 1911 had a total value of $81,555,258. The forests have a total estimated area of nearly 568,500,000 acres. The industrial establishments of all kinds numbered 19,218 in 1911, with a total capital of $1,247,583,609, the value of the products being $1,165,975,639; 515,203 persons were employed. The metals produced in 1912 were valued as follows'—Gold, $12,559,443; silver, $19,425,656; copper, $12,709,311; nickel, $13,452,463. In 1918, the figures had risen as follows: Gold, $14,687,875; silver, $17,559,700; copper, $35,000,000; nickel, $36,830,414; pig iron, $33,000,000; and coal, $55,752,672. The total value of the minerals produced in 1913 was $145,634,812; in 1914, $128,863,075; in 1915, $138,513,750; in 1916, $177,357,454.

The imports of Canada for recent years have been as follows:

1913	$692,032,392
1914	650,746,797
1915	629,444,894
1916	564,505,796
1917	892,585,566
1918 (fiscal year)	962,543,746
1919 (fiscal year)	916,443,432

They were distributed chiefly as follows:

	1913	1917
United States	$419,143,000	$677,632,000
United Kingdom	138,749,000	121,738,000
South America	10,529,000	4,000,000
Germany	14,215,000	14,000

The exports for recent years have been as follows:

1913	$393,232,057
1914	478,997,928
1915	490,808,877
1916	882,872,502
1917	1,300,000,000
1918 (fiscal year)	1,586,169,792
1919 (fiscal year)	1,259,935,285

They were distributed chiefly as follows:

	1913	1917
United States	$167,110,000	$486,871,000
United Kingdom	177,982,000	756,071,000
South America	4,352,000	2,000,000
Germany	3,402,000	.....

In 1915, there were 21,306 manufacturing establishments, of a capital of $1,994,103,272, employing 514,883 persons, paying out yearly in wages and salaries $290,000,000, and producing annually goods to the value of $1,407,137,140. The value of the objects of chief output in 1915 was as follows:

Food products	$388,815,362
Textiles	144,686,605
Lumber and timber	123,396,686
Iron and steel	120,422,420
Paper and printing	74,038,398
Leather	71,036,644
Metals other than iron and steel	90,943,278

In 1917, there were 34,380 factories, with a capital of $2,775,000,000, employing 693 workers, paying annually $553,000,000 in wages and salaries, with an annual output of products valued at $3,015,000,000.

The estimates for the live stock in 1917 and 1916 follow:

	1916	1917
Horses	3,258,342	3,412,749
Cows	2,833,433	3,202,283
Cattle	3,760,718	4,718,657
Sheep	2,022,941	2,369,358
Swine	3,474,840	3,619,382

In 1916, the total area under crops in Canada was reported at 38,930,333 acres, with the crops valued at $886,494,900. In 1918 the records of the principal crops were as follows:

	Bushels	Value
Wheat	189,000,000	$361,678,000
Oats	426,312,500	331,357,000
Corn	14,214,200	24,903,000
Barley	77,287,240	77,380,000
Rye	8,504,000	12,729,000
Hay	14,772,000*	23,500,000
Potatoes	104,364,000	.....

Transportation.—The total length of railways in operation on June 30, 1912, was 26,727 miles, the total capital involved being $1,588,937,526, the earnings being $219,403,753, and the working expenses $150,736,540, in 1911-12; there were also 1,308 miles of electric railways. The sea-going and lake mercantile marine of Canada on Dec. 31, 1912, consisted of 4,713 sailing vessels and 3,667 steamers (total net tonnage 836,278 tons).

On June 30, 1916, there were 37,434 miles of railroad in operation, a considerable amount of which represented Government undertaking. The Government also operates much of the telegraph system.

Banking.—There were 27 incorporate banks of issue in 1912 with liabilities $1,240,124,354 and average assets $1,470,065,478. The balance of undrawn deposits in Post Office and Government savings banks on March 31, 1913, amounted to $57,140,484, the depositors numbering 180,796. The deposits in special savings banks on March 31, 1913, amounted to $40,133,551.

By 1918, the assets of the banks had risen to $2,112,000,000 and the liabilities, to $1,866,000,000.

The system of weights and measures is the same is used in England, but the unit of value is the dollar of the United States.

Canada has fifty cities with a population in excess of 10,000, Montreal approaching 500,000.

Trade with United States.—Most recent figures show that the annual imports from Canada to the United States are of the value of $450,000,000 and the exports to Canada from the United States are of the value of $885,000,000.

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- Attempted occupation of portions of Alaska by Great Britain and, referred to, 6097.
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- Boundary dispute with, arbitration of, discussed, 7409.
- Boundary line with, discussed, 5470, 5616, 6064.
- Canal tolls charged by, negotiations regarding. (See Welland Canal.)
- Chief justice of, arbitrator in claim of United States against Peru, 6335. (See also 5988, 6092.)
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- Hostile disposition of people of, toward United States, 1749.
- Illegal expeditions against, proclamation against, 4039.
- Incursions from, discussed, 3447.
- Jurisdictions of United States and, in Great Lakes discussed, 6064.
- Merchandise, transported from one port in United States, over Canadian territory, to another port therein, discussed, 5770.
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Trials in, of citizens of United States for complicity in Fenian invasion of, 3718.
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Canada, The, claims arising from wreck of, on coast of Brazil and award discussed, 4052, 4069.

Canadian Parliament, expression of thanks from legislative council of Canada for donations for library of, 2677.

Canadian Volunteers, bounty lands to, proclamation regarding, 558.

Canals.—Before the days of railroads overland transportation was a serious problem. Water seemed to present the cheapest and most available medium. The natural water courses were extensively navigated, but as the necessities of transportation between commercial centers increased canals were projected in many parts of the country. The oldest works of the kind in the United States are the South Hadley and Montague canals, in Massachusetts, built by companies chartered in 1792. The Middlesex Canal, connecting Boston harbor with the Merrimac River, was completed in 1808. The Erie Canal, the largest and most important in this country, was projected by De Witt Clinton, begun in 1817, and completed in 1825. It extends from the Hudson River at Albany to Lake Erie at Buffalo. It is 387 miles long and cost $52,540,800. In 1903 the legislature of the State of New York voted $101,000,000 to improve the canal system of the state, the chief improvement being the deepening and widening of the Erie Canal to permit its use by boats of 1,000 to 1,200 tons.

The Ohio and Lake Erie Canal, from Cleveland, on Lake Erie, south through the State of Ohio, to the Ohio River at Portsmouth, a distance of 317 miles, was formally begun July 4, 1825, by Gov. Clinton, of New York, removing the first shovelful of earth. The work was completed in 1832 at a cost of $4,695,204. Another canal across the State of Ohio was completed in 1834, extending from Cincinnati to Defiance, 178 miles, where it joined the Wabash and Erie, forming another water route between the river and lake, of 265 miles. The cost of this canal was $3,700,000. The Morris Canal, from Jersey City to Philipsburg, N. J., 102 miles in length, connecting Newark Bay with the Delaware River, was begun in 1825 and finished in 1836. With the development of railroads these canals fell into neglect and were finally wholly or partly abandoned or taken over by the railroads.

The Illinois and Michigan Canal extends from Chicago to LaSalle, on the Illinois River, a distance of 102 miles. It cost $7,357,787. A later extension of this waterway is the Hennepin Canal, from Hennepin, Ill., fifty miles through the Rock River and twenty-seven miles through land to the Mississippi River, at Rock Island. The Chesapeake and Ohio Canal, the outcome of a project of Washington to improve navigation of the Potomac River, was begun in 1828 by the board of public works of Virginia and completed in 1850. It cost $11,000,000. It extends from Georgetown, D. C., to Cumberland, Md., a distance of 184 miles. By means of seventy-four locks an elevation of 609 feet is attained. The Delaware and Hudson Canal, extending from Rondout, N. Y., to Honesdale, Pa., 108 miles, was completed in 1829. The Schuylkill Coal and Navigation Canal, also 108 miles long, from Mill Creek to Philadelphia, Pa., was begun in 1816 and completed in 1825. The Lehigh Coal and Navigation Company have a canal from Easton to Coalport, Pa. An important ship canal is the Sault Sainte Marie, connecting Lakes Superior and Huron, which was built in 1855 at the cost of $6,033,533. (See illustration opposite 918.)

The Panama Canal is described in a separate article. (See also Suez Canal, which is inserted for comparison.)

Following is a complete list of canals in the United States, together with their length and cost of construction:

Albemarle and Chesapeake—From Norfolk, Va., to Currituck Sound, N. C., 11½ miles; cost, with improvements, $1,641,363.

Augusta—From Savannah River, Ga., to Augusta, Ga., 9 miles, $1,500,000.

Beaufort—From Beaufort Inlet, N. C. to Pamlico Sound, 20 miles, $500,000.

Black River—From Rome, N. Y., to Lyons Falls, N. Y., 35 miles, $3,581,954.

Black Rock Channel—Connects Lake Erie and Niagara River at Buffalo, N. Y., 3¼ miles, $3,000,000.

Brazos River—Brazos River to Matagorda Bay, Texas, 32 miles, $255,000.

Caloosahatchee—Fort Meyers to Lake Okeechobee, Fla., 28 miles, $425,000.

Cape Cod Canal (Sea Level Ship Canal), about 13 miles long, to connect Massachusetts Bay and Buzzard's Bay, $12,000,000.

Cayuga and Seneca—From Montezuma, N. Y., to Cayuga and Seneca Lakes, N. Y., 25 miles, $2,232,632.

Champlain—From Whitehall, N. Y., to Watervliet, N. Y., 81 miles, $4,044,000.

Channel—Apalachicola River to St. Andrews Bay, Fla., 32 miles, $450,000.

Chesapeake and Delaware—From Chesapeake City, Md., to Delaware City, Del., 14 miles, $3,730,230.

Chesapeake and Ohio—From Cumberland, Md., to Washington, D. C., 184 miles, $11,290,327.

Colbert Shoals—Colbert Shoals, Tennessee River, Alabama, 8 miles, $2,350,000.

Companys—From Mississippi River, La., to Bayou Black, La., 22 miles, $90,000.

Dalles-Celilo—Big Eddy to Celilo Falls, Columbia River, Oregon, 8½ miles, $4,800,000.

Delaware and Raritan—From New Brunswick, N. J., to Bordentown, N. J., 66 miles, $4,888,749.

Delaware Division—From Easton, Pa., to Bristol, Pa., 60 miles, $2,433,350.

Des Moines Rapids, at Des Moines Rapids, Mississippi River, 7½ miles, $4,582,009.

Erie—From Albany, N. Y., to Buffalo, N. Y., 387 miles, $52,540,800.

Esterville—Winyaw Bay, S. C. to Santee River, 5 miles, $175,000.

Fairfield—From Alligator River to Lake Mattimuskeet, N. C., 4½ miles.

Florida Coast Line—Mayport, Fla. to Miami, Fla., 370 miles, $3,500,000.

Galveston and Brazos—From Galveston, Tex., to Brazos River, Tex., 38 miles, $340,000.

Harlem River Ship Canal, connecting the Hudson River and Long Island Sound, by way of Spuyten Duyvil Creek and Harlem River, was opened for traffic on June 17, 1895, and cost about $2,700,000.

Hillsboro—Deerfield to Lake Okeechobee, Fla., 50 miles, $1,300,000.

Hocking—From Carroll, Ohio, to Nelsonville, Ohio, 42 miles, $975,481.

Illinois and Michigan—From Chicago, Ill., to La Salle, Ill., 102 miles, $7,357,787.

Illinois and Mississippi—Around lower rapids of Rock River, Ill., connected with Mississippi River, 75 miles, $7,250,000.

Lake Drummond—Connects Chesapeake Bay with Albemarle Sound, 22 miles, $2,800,000.

Lake Landing—Lake Matamuskeet to Wysocking Bay, N. C., 4 miles, $25,000.

Lake Washington—Through Lake Union, Seattle, Wash., to Puget Sound.

Lehigh Coal and Navigation Co.—From Coalport, Pa., to Easton, Pa., 108 miles, $4,455,000.

Lewes—Rehoboth Bay to Delaware Bay, Del., 12 miles, $355,000.

Louisville and Portland—Falls of Ohio River, Louisville, Ky., 2½ miles, $5,578,631.

Mattamuskeet Outfall—Hyde Co., N. C., 6 miles, $700,000.

Miami—Lake Okeechobee to Miami, Fla., 79 miles, $1,765,000.

Miami and Erie—From Cincinnati, Ohio, to Toledo, Ohio, 274 miles, $8,062,680.

Morris—From Jersey City to Phillipsburg, N. J., 102 miles; begun 1825, opened 1836. $5,100,000.

Muscle Shoals and Elk River Shoals—From Big Muscle Shoals, Tenn., to Elk River Shoals, Tenn., 16 miles, $3,156,919.

Newberne and Beaufort—From Clubfoot Creek to Harlow Creek, N. C., 3 miles.

New Jersey Coastal Inland Waterway—Cape May to Bay Head, N. J., 114 miles. $450,000.

North New River—Lake Okeechobee to Fort Lauderdale, Fla., 59 miles, $582,000.

Ogeechee—From Savannah River, Ga., to Ogeechee River, Ga., 16 miles, $407,810.

Ohio—From Cleveland, Ohio, to Portsmouth, Ohio, 317 miles, $4,695,204.

Oswego—From Oswego, N. Y., to Syracuse, N. Y., 38 miles, $5,239,526.

Pennsylvania—From Columbia, Northumberland, Wilkes-Barre, Huntingdon, Pa., 193 miles, $7,731,750.

Portage Lake and Lake Superior—From Keweenaw Bay to Lake Superior, 25 miles, $528,892.

Port Arthur—From Port Arthur, Tex., to Gulf of Mexico, 7 miles.

Sabine-Neches—Port Arthur Canal to mouth Sabine River, Tex., 16 miles, $1,081,000.

Salem—Salem to Delaware River, 2 miles.

Santa Fé—From Waldo, Fla., to Melrose, Fla., 10 miles, $70,000.

Salt Ste. Marie (Ship Canal)—Connects Lakes Superior and Huron at St. Mary's River, 3 miles, $6,033,533.

Schuylkill Navigation Company—From Mill Creek, Pa., to Philadelphia, Pa., 108 miles, $12,461,600.

South New River—Fort Lauderdale to Lake Okeechobee, Fla., 25 miles, $792,000.

Sturgeon Bay and Lake Michigan—Between Green Bay and Lake Michigan, 1¼ miles, $99,661.

St. Lucie—Stewart to Lake Okeechobee, Fla., 25 miles, $2,075,000.

St. Mary's Falls—Connects Lake Superior and Huron at Sault. Ste. Marie, Mich., 1½ miles, $7,909,667.

Susquehanna and Tidewater—From Columbia, Pa., to Havre de Grace, Md., 45 miles, $4,931,345.

Walhonding—From Rochester, Ohio, to Roscoe, Ohio, 25 miles, $607,269.

Welland (Ship Canal)—Connects Lake Ontario and Lake Erie, 26¾ miles, $2,080,366.

West Palm Beach—Lake Okeechobee, Lake Worth, West Palm Beach, Fla., 42½ miles, $475,000.

Canals (see also the several canals):

Across continent, practicability of construction of, referred to, 4473.

Altamaha River to Tennessee River, referred to, 1027.

Appropriations for, 926.

Atlantic Ocean to Gulf of Mexico, discussed, 995.

Constitutional amendment for improvement of, suggested, 552.

Great Lakes to Hudson River, discussed, 482.

Lands granted to States in aid of, 1029, 1725.
Recommendations regarding aid to, 4149, 4201, 4209.
Surveys for, referred to, 824, 987.
Utility of canal navigation discussed, 482, 552, 586, 785, 877.

Canal Zone.—The Panama Canal act of 1912 provided for the government by the United States of a zone of land and land under water of the width of ten miles extending to the distance of five miles on each side of the center line of the route of the canal, which zone begins in the Caribbean Sea three marine miles from mean low-water mark and extends to and across the Isthmus of Panama into the Pacific Ocean to the distance of three marine miles from mean low-water mark, excluding therefrom the cities of Panama and Colon and their adjacent harbors located within said zone, as excepted in the treaty with the Republic of Panama dated November 18, 1903, but including all islands within said described zone, and in addition thereto the group of islands in the Bay of Panama named Perico, Naos, Culebra and Flamenco, and any lands and waters outside of said limits above described which are necessary or convenient or from time to time may become necessary or convenient for the construction, maintenance, operation, sanitation, or protection of the said canal or of any auxiliary canals, lakes, or other works necessary or convenient. The President is authorized, by treaty with the Republic of Panama, to acquire any additional land or land under water not already granted, or which was excepted from the grant, that he may deem necessary, and to exchange any land or land under water not deemed necessary for other land or land under water which may be deemed necessary, which additional land or land under water so acquired shall become part of the Canal zone.

When in the judgment of the President the construction of the Panama Canal shall be sufficiently advanced toward completion to render the further services of the Isthmian Canal Commission unnecessary, the President is authorized by executive order to discontinue the Isthmian Canal Commission, which, together with the present organization, shall then cease to exist; and the President is authorized thereafter to complete, govern, and operate the Panama Canal and govern the Canal zone, through a Governor and such other persons as he may deem competent for the protection of the Canal and Canal zone. The Governor of the Panama Canal shall be appointed by the President, by and with the advice and consent of the Senate, commissioned for a term of four years at $10,000 per year. President Taft (page 7687) suggested a permanent military government for the zone, but it was later decided that a civil government would be best suited to the colonial policy of the United States. President Wilson by executive order (page 7920) established a permanent civil government for the zone in 1914, and in additional orders enunciated important rules of government. (Pages 7903, 7905, 7918, 7919, 7923. See also Panama Canal.)

The total area of the Canal Zone is 502½ square miles, of which 107 square miles represents the area of Gatun Lake. The latest figures give the population of the Zone as 21,700, of which 7,000 were Americans. Almost 3,000 of the American men and more than 7,000 of the other male population are employed on the Panama Canal and Railroad. There are 1,775 American women and more than 2,000 American children in the Zone, with more than 3,000 women and 4,000 children of other nationalities.

There are 17 public school buildings, with 1,765 pupils in the white schools and 1,000 in the colored. There are several high schools.

Canal Zone:
Alien enemies barred from, 8394.
Arms, bearing of, in, regulated, 7903.
Ceded to United States, 6815.
Chinese excluded from, 8213.
Corruption of government employees in, forbidden, 7918.
Customs service in, order relating to, 7963.
Employees in, appointment and compensation of, 7924.
Employment conditions in, 7923.
Extent of, 7687.
Gambling law in, amended, 7988.
Government of—
Discussed, 7687.
Permanent, established, 7920.
Health department of, 7921.
Hunting in, regulated, 7919.
Interest rates on money fixed in, 7905.
Manifests, fines for dishonest, in, 7963.
Military government for, 7687.
Money orders in, interest on, 8140.
Neutrality of, proclaimed, 8008.
Population of, 7687.
Postal crimes in, order relating to, 7964.
Postal deposits in, interest rates fixed on, 8140.
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Security for costs in civil cases in, required, 7964.
Wireless telegraph to be fitted on vessels using, 7958.
Wireless telegraph station for use of Navy established in, 7960.
Workmen's Compensation Act in, 7806.

Canary Islands.—A group of islands off the northwest coast of Africa, belonging to Spain. Their area is about 2,808 square miles and their population, 500,000. The capital is Santa Cruz de Tenerife (80,000). Las Palmas has a population of some 70,000. The chief exports are bananas, potatoes, wheat. The islands are administered by Spain as an integral province of the country.

Cancer.—A malignant growth of epidermic, epithelial or glandular tissue, having secondary growths or extensions. The disease is increasing rapidly in all civilized countries. It is essentially a disease of middle life, occurring mostly in persons of more than forty years of age. Senility and the decadence of tissues which have passed the period of their usefulness and are about to undergo physiological rest are predisposing factors. The symptoms often elude trained

observers and the causes of the disease have never been accurately determined. Domestic animals as well as man are subject to the disease. The prevalence of cancer in fishes and the coincidence of the geographical distribution of the disease in fish and the human family so impressed President Taft that he recommended to Congress an appropriation of $50,000 for the study of the question. (Page 7481.)

There seems to be no evidence that cancer is either hereditary or contagious. The early indication of the disease is usually a hard spot or lump in the place affected, which should be submitted immediately to a physician for examination. Often the presence of the lump is unaccompanied by any sensation of pain; and in the case of a cancer of the stomach, the only indication may be indigestion.

Operations for cancer remain the best form of treatment; and in case the operation is performed in the earlier stages of the disease, there is little danger connected with it. Before the glands are affected, 85% of all operations for cancer are successful; and even after the glands are affected, almost half of the operations are successful.

In 1910, there were about 75,000 deaths from cancer in the United States. 1 in every 8 women and 1 in every 11 men over the age of 35 die from cancer.

Cancer in Fishes, appropriation recommended for research work subject of, 7480.

Candia. (See Crete.)

Canning and Preserving Industry.— The art of preserving foods by making them sterile by heating and placing them in hermetically sealed containers was given to the world by Nicholas Appert, of France, in 1810, after fifteen years' patient study and experimenting. Canning hence started in France and Great Britain, but after a few years spread to the United States. Ezra Daggett and Thomas Kensett, in 1819, started an establishment for canning fish, oysters and lobsters in New York City. Similar esfablishments were soon started along the coast, dealing chiefly in sea-food, with some seasonable vegetables and fruits. The first cannery in Boston dates from 1820; in Baltimore, from 1840; in Maine, from 1841; on the Pacific Coast, in San Francisco, from 1856; and in Alaska, from 1878.

At first, the chief value of Appert's methods lay in their applicability to military supplies, as the crude methods of making cans and the laborious hand-work involved made canned goods expensive. Their domestic value was not overlooked, but their cost made canned goods great delicacies. Little progress in the industry was made until the Civil War, the cities being still small, and farm products usually being sold with little difficulty from wagons brought in from the surrounding country. Moreover, the tastes of the people was by no means so fastidious as it is now.

It was the Civil War which spread the knowledge of the advantages of canned goods, the returning soldiers being loud in their praises of the canned goods served them in field and in camp, and the demand for canned goods, together with better and cheaper methods for producing them, increased to such an extent that at the present time the United States is both the largest producer and the largest consumer of canned goods in the world. The industry long since outgrew its nature as the utilizer of surplus products, and now great quantities of farm products are grown directly for canneries.

Corn is canned particularly in Maine, Maryland, New York, Ohio, Indiana, Illinois, Iowa, Minnesota.

Peas especially in New York, Michigan, Wisconsin, Minnesota, Illinois, Indiana, Ohio, Maryland, Colorado, California.

Beans especially in New York, Michigan, Wisconsin, California, Maryland.

Tomatoes well-nigh universally, but especially in New Jersey, Delaware, Maryland, Virginia, New York, Ohio, Indiana, California.

Fruits especially in New York, Ohio, Michigan, California.

Meats only at slaughtering centres such as Chicago, Omaha, Kansas City.

Milk especially in New York, Pennsylvania, Ohio, Indiana, Illinois, Wisconsin, California.

Salmon especially in Oregon, Washington, Alaska; *tuna*, California; *sardines* and *clams*, Maine; *crabs*, Virginia and Maryland; *oysters*, from Maryland southward; *shrimp*, from Georgia southward.

In a recent year, before war conditions had made the industry abnormal, production of some of the products was as follows:

	Cases	*Value*
Apples	1,500,000a	$ 2,400,000
Apricots	1,050,000a	3,000,000
Cherries	550,000b	1,650,000
Peaches	3,400,000a	9,600,000
Pears	1,050,000a	3,850,000
Pineapples	2,350,000a	5,650,000
Asparagus	650,000b	2,800,000
Baked Beans	6,000,000b	11,530,000
Other Beans	3,000,000b	5,000,000
Corn	9,900,000b	13,900,000
Hominy	700,000a	700,000
Kraut	1,200,000a	1,550,000
Peas	8,800,000b	15,100,000
Tomatoes	16,200,000a	25,530,000
Oysters	1,000,000c	2,700,000
Salmon	5,600,000c	27,650,000
Sardines	5,000,000d	6,250,000
Milk	18,300,000e	60,000,000
Meat	6,000,000f	26,500,000
Sausage	2,850,000g	10,000,000
Soups	5,000,000h	8,000,000

a—24 No. 3 cans; b—24 No. 2 cans; c—48 No. 1 cans; d—48 No. ¼ cans; e—48 pounds per case; f—27 pounds per case; g—26 pounds per case; h—24 No. 1 cans.

All canned food falls under the jurisdiction of the Foods and Drugs Act (q. v.).

A recent report of the Census Office gives the figures of the canning and preserving industry of the United States for a recent year. The figures cover the industry before war conditions made all American industries abnormal, and hence gives a picture of it in its normal state. The figures will be found in the adjoining column.

Under the head of preserves in the tables are included establishments manufacturing jams, jellies, fruits, butters, etc. Under the head of pickles and sauces are included establishments manufacturing pickles, olives sauces, salad dressings, catsups, etc. The canning of meats, soups, etc. by meat-packing establishments is not included, nor the shucking of oysters except when directly connected with canning. Because of the fact that certain establishments produce different products in different seasons,

	Report Year	1909	1904	1899
Number of Establishments	4,220	3,767	3,168	2,570
Persons Engaged	88,069	71,972	66,022	(2)
Capital	$172,474,945	$119,207,127	$ 79,245,880	$55,480,983
Salaries and Wages	38,668,278	26,945,466	21,567,056	17,183,832
Cost of Materials	159,657,909	101,823,059	83,147,336	63,667,568
Value of Products	243,439,859	157,101,201	130,465,976	99,335,464

(2)—Figures not available.

In 1889, there were 1,312 establishments with products valued at $46,000,000. In 1879, there were 520 establishments, outside of the fish and oyster plants, employing 32,835 wage-earners and producing goods valued at $20,000,000.

The following figures indicate the value of the products in the canning and preserving industry for the report year. The % figures show the increase over 1909.

Canned Vegetables	55,144,772[1,2]	85%	$92,290,725[2]	101%
Canned Fruits	9,449,182[1]	104%	24,897,174	112%
Dried Fruits	568,587,364[3]	65%	34,771,912	122%
Canned Fish and Oysters	8,788,104[1]	(4)	22,401,004	65%
Smoked Fish	28,713,806[3]	22[5]	2,759,341	9%
Salted Fish	131,149,037[3]	16	8,172,477	28%
All Others	(4)	(4)	64,498,497	105%

[1]Cases. [2]Includes canned soup. [3]Pounds. (4) Figures not available. [5]Decrease.

	Total	Canned Vegetables	Canned Fruits	Dried Fruits
Number Establishments	4,220	1,990	208	950
Persons Engaged	88,069	39,546	10,651	8,043
Capital	$172,474,945	$65,472,955	$23,435,439	$ 9,457,384
Salaries and Wages	38,668,278	13,971,283	5,590,745	2,801,675
Rent and Taxes	1,899,046	605,173	142,729	127,264
Cost of Materials	159,657,909	52,395,078	21,665,205	29,051,053
Value of Products	243,439,859	79,690,007	33,778,392	35,302,253

	Fish	Oysters	Preserves	Pickles and Sauces
Number Establishments	330	65	143	529
Persons Engaged	10,306	2,296	3,250	13,888
Capital	$28,463,738	$2,076,607	$ 7,161,409	$36,034,972
Salaries and Wages	4,948,991	552,063	1,955,167	8,799,767
Rent and Taxes	375,964	18,726	179,467	446,731
Cost of Materials	19,467,153	1,225,206	8,600,542	27,071,964
Value of Products	31,111,409	2,238,053	12,626,956	48,287,576

there is a certain amount of duplication in the figures, amounting to about 4 per cent. Establishments engaged primarily in other lines are not included in the figures, although about 3 per cent of the canning and preserving of the country is done by them.

In most cases, the processes of manufacturing are comparatively simple; hence the large proportion of the cost of materials to the total value.

The growth of the industry in recent years is indicated in an adjoining table.

The leading states are California, New York, Maryland, Pennsylvania, Indiana, New Jersey, Maine and Illinois.

In the census year, 55 per cent of the employees were males and 45 per cent were females. In almost all of the states, children under 16 are employed in the fruit and vegetable canning, but the age limits are being steadily increased, and the movement against exempting the canning and preserving industries from the operation of the various state child labor laws is becoming stronger. For instance, in the census year, only 4½ per cent of the entire number of wage-earners were under 16, whereas in 1909 there were 7 per cent. The proportion of children employed is largest in the south, Virginia leading in this respect with 16 per cent of her wage-earners in the canning and preserving industry under 16.

August, September and October are the months of greatest activity.

Of the wage-earners, 35,000 worked 60 hours a week; 15,000, 54 hours a week; and 10,000, from 54 to 60.

Of the establishments, 1,905 were owned by individuals, 1,322 by corporations, and 993 by others. But 72 per cent of the wage-earners in the entire industry were employed by the corporations, and 80 per cent of the total value of the products were produced by them. 29 establishments produced goods annually valued at above $1,000,000; 486, goods from $100,000 to $1,000,000; 937, from $20,000 to $100,000; 1,142, from $5,000 to $20,000; and 1,626 below that amount.

Two establishments employed more than 1,000 workers; 5, between 500 and 1,000; 18, between 250 and 500; 95, between 100 and 250; 183, between 50 and 100; 504, between 20 and 50; and 3, 295 fewer.

Cannon.—A large gun, mounted usually on a frame, movable or stationary, or on a gun carriage. (See also Arms and Ammunition; Arsenals; Artillery, and Encyclopedic Index article on Arms and Ammunition.)

Cannon, foundry for making, recommended, 1607, 1714, 4797.

Canton, China, hostilities in, referred to, 2977.

Cantonment Gibson, Ark., road from Little Rock to, referred to, 932.

Cantonments.—Military establishments intended for lengthy occupation, and distinguished from camps also in that they possess buildings of some pretension.

After the entrance of the United States into the European War, the following cantonments were used for training the troops of the National Army, called together under

the selective service system, in addition to the forts (q. v.) of the regular army:

Custer—Battle Creek, Michigan, containing troops from Michigan and Wisconsin, forming the 85th division.

Devens—Ayer, Massachusetts, containing troops from Maine, New Hampshire, Rhode Island, Vermont, Massachusetts, Connecticut, forming the 76th division.

Dix—Wrightstown, New Jersey, containing troops from New York state and northern Pennsylvania, comprising the 78th division.

Dodge—Des Moines, Iowa, containing troops from Minnesota, Iowa, Nebraska, North Dakota, South Dakota, comprising the 88th division.

Funston—Fort Riley, Kansas, containing troops from Kansas, Missouri and Colorado, forming the 89th division.

Gordon — Atlanta, Georgia, containing troops from Georgia and Alabama, and forming the 82d division.

Grant — Rockford, Illinois, containing troops from Illinois and forming the 86th division.

Jackson—Columbia, South Carolina, containing troops from North Carolina, South Carolina, Florida and Tennessee, and forming the 81st division.

Lee — Petersburg, Virginia, containing troops from New Jersey, Delaware, Maryland, Virginia and the District of Columbia, and forming the 80th division.

Lewis—American Lake, Washington, containing troops from Washington, Oregon, California, Utah, Nevada, Idaho, Wyoming and Montana, and comprising the 91st division.

Meade — Annapolis Junction, Maryland, containing troops from southern Pennsylvania and comprising the 79th division.

Pike—Little Rock, Arkansas, containing troops from Arkansas, Mississippi and Louisiana, and comprising the 87th division.

Sherman — Chillicothe, Ohio, containing troops from Ohio and West Virginia, and comprising the 83d division.

Taylor—Louisville, Kentucky, containing troops from Kentucky and Indiana, and comprising the 84th division.

Travis—Fort Sam Houston, Texas, containing troops from Texas, Arizona, Oklahoma and New Mexico, and comprising the 90th division.

Upton—Yaphank, Long Island, New York, containing troops from the metropolitan section of New York and comprising the 77th division.

The encampments for the training of the National Guard of the various states were as follows:

Beauregard—Alexandria, Louisiana, containing troops from Louisiana, Mississippi and Arkansas, and forming the 39th (old 18th) division.

Bowie — Fort Worth, Texas, containing troops from Texas and Oklahoma, and forming the 36th (old 15th) division.

Cody—Deming, New Mexico, containing troops from Minnesota, Iowa, Nebraska, North Dakota and South Dakota and forming the 34th (old 13th) division.

Doniphan—Fort Sill, Oklahoma, containing troops from Missouri and Texas, and comprising the 35th (old 14th) division.

Fremont—Palo Alto, California, containing troops from Washington, Oregon, Montana, Idaho and Wyoming, and forming the 41st (old 20th) division.

Greene—Charlotte, North Carolina, containing troops from Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut, and forming the 26th (old 5th) division.

Hancock — Augusta, Georgia, containing troops from Pennsylvania, and forming the 28th (old 7th) division.

Kearny—Linda Vista, California, containing troops from California, Nevada, Utah, Colorado, Arizona, New Mexico, and forming the 40th (old 19th) division.

Logan—Houston, Texas, containing troops from Illinois, and forming the 33d (old 12th) division.

MacArthur.— Waco, Texas, containing troops from Michigan and Wisconsin, and forming the 32d (old 11th) division.

McClellan—Anniston, Alabama, containing troops from New Jersey, Maryland, Delaware, Virginia and District of Columbia, and comprising the 29th (old 8th) division.

Sevier—Greenville, South Carolina, containing troops from Tennessee, North Carolina, South Carolina, and comprising the 30th (old 9th) division.

Shelby—Hattiesburg, Mississippi, containing troops from Indiana and Kentucky, and comprising the 38th (old 17th) division.

Sheridan — Montgomery, Alabama, containing troops from Ohio and West Virginia, and comprising the 37th (old 16th) division.

Wadsworth — Spartanburg, South Carolina, containing troops from New York, comprising the 27th (old 6th) division.

Wheeler.— Macon, Georgia, containing troops from Georgia, Alabama and Florida, and comprising the 31st (old 10th) division.

Cantonments, land purchased for, 323.

Cape Cod Canal (see Canals).

Cape Fear River, N. C., act for improving, approved and reasons therefor, 2776.

Cape Horn:
Expenditures for freight and passage by way of, referred to, 4072.
Shortening of sea voyage around, discussed, 4601.

Cape of Good Hope. (See Union of South Africa.)

Cape Spartel, light-house on, treaty with Morocco regarding, 3582.

Cape Verde Islands. — A group of fourteen islands off the west coast of Africa, belonging to Portugal. The population is about 155,000, of whom some 5,000 are whites. The chief products are coffee, hides, millet and medicinal herbs.

Cape Verde Islands. (See Portugal.)

Cape Vincent, N. Y., proclamation granting privileges of other ports to, 2859.

Capital, relation of labor to. (See Labor, discussed.)

Capital:
Combinations of, 6790.
Fair return should be guaranteed to, 8818.
Organized, problem of control over, 6895.

Capital Issues Committee, recommendations of, for control of securities, 8771. (See also War Finance Corporation.)

Capital of United States.—Up to the time of the adoption of the Constitution the Congress had no fixed place for holding its sessions, but met at York, Lancaster, Philadelphia, Baltimore, Princeton, Annapolis, Trenton, and New York. The First Congress under the Constitution met in New York City in 1789. Later it held sessions in Philadelphia from 1790 to 1800. During the second session of the First Congress under the Constitution, after a long and bitter debate in which sectional jealousy ran high, an act was passed, June 28, 1790, selecting the present site of Washington as the permanent seat of Government. The Government removed to its new headquarters in 1800. (See Washington City and District of Columbia.)

Capital of United States:
Location of, 86, 92-5, 98, 128, 253.
Removal of, from—
New York to Philadelphia, 240.
Philadelphia to Washington, 281, 285, 295, 298, 299, 300.

Capital Punishment.—The twelve states which have abolished capital punishment are listed under Death Penalty (q. v.).

In the following states, capital punishment is retained absolutely, neither the court nor the jury having the power to substitute life imprisonment in the case of crimes punishable by death—Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Massachusetts, New Jersey, New Mexico, New York, North Carolina, Pennsylvania, Vermont, also the U. S. Civil Code. In the other states retaining capital punishment, life imprisonment may be substituted.

Recent reports show that the crimes punishable by death in the several states are as follows:—

Murder Only.—California *, Colorado *, Connecticut*, Idaho*, Iowa*, Massachusetts †, Nebraska †, New Hampshire *, New Mexico*, Ohio †, Pennsylvania †, Utah.

Murder, Rape.—Arkansas†, Florida*, Oklahoma†, Tennessee†.

Murder, Treason.—Indiana †, Montana *, New Jersey†, New York†.

Murder, Arson.—Vermont†.

Murder, Train Wrecking.—Wyoming *.

Murder, Rape, Treason.—Kentucky†, West Virginia*, District of Columbia*, U. S. Civil Code.

Murder, Treason, Kidnapping.—Illinois *.

Murder, Rape, Arson.—South Carolina†.

Murder, Rape, Train Robbery.—Nevada.

Murder, Rape, Robbery.—Texas *.

Murder, Rape, Arson, Treason.—Maryland *, Mississippi *.

Murder, Rape, Arson, Burglary.—Louisiana *, North Carolina †.

Murder, Rape, Treason, Train Wrecking.—Georgia*.

Murder, Rape, Arson, Robbery, Treason.—Alabama *.

Murder, Rape, Arson, Robbery, Burglary.—Virginia†.

Murder, Rape, Arson, Treason, Burglary, Kidnapping.—Delaware*.

States followed by a star (20) inflict death by hanging; those by a dagger (15), by electrocution. Nevada uses gas. Utah gives the choice of hanging or shooting. There have been about 3,500 legal executions in the United States in the last 30 years.

Capitol.—From *Capitolium*, the name of the magnificent temple of Jupiter Capitolinus on the Capitoline Hill in ancient Rome. The *Mons Capitolinus* was so called from the finding of a skull during the excavation for the first building. The name is applied to the magnificent edifice in which the Congress of the United States holds its sessions and to the statehouses which are erected at the capitals of the various states.

The Capitol is situated on a low hill commanding one of the best views of Washington, and dominates the city with its magnificent dome. Its extreme length is 751 feet, and it varies from 121 to 324 feet in width; it consists of a main edifice of sandstone, painted white and crowned with an iron dome, and two wings of white marble. The general style is classic and its columns and detail are Corinthian. As a whole it is one of the most imposing and beautiful governmental buildings in the world. The original dome was a low structure of wood covered with copper, but this was replaced in 1856 by the present iron dome, 287 feet high, designed by Thomas U. Walter, and surmounted by a fine statue of Freedom by the American sculptor Thomas Crawford. The corner stone of the building was laid by President Washington Sept. 18, 1793, with Masonic ceremonies. The north wing was completed Nov. 17, 1800; the south wing in 1811. The interior of both were burned by the British under General Ross Aug. 24, 1814. The foundation of the main building was laid March 24, 1818, and the whole was completed in 1827, at a cost up to that time of nearly $2,500,000.

An act of Sept. 30, 1850, provided for extensions to the north and south, and President Fillmore laid the corner stone July 4, 1851, Daniel Webster delivering the oration. These extensions were finished in 1867, and added very considerably to the beauty of the building, with their porticoes and columns of white marble, which contain the Senate Chamber and Hall of Representatives.

The former Senate Chamber is now occupied by the Supreme Court, the former Hall of Representatives is now a Statuary Court to which each state contributes statues of her most famous sons. Among the special objects of interest inside are the busts of the Vice-Presidents in the Senate Chamber; a number of historical paintings, some of them colossal in size, in various parts of the building; the Marble Room of the Senate, with its mirrors; the collection of Speakers' portraits in the Representatives' Lobby of the House, and the massive Rotunda, with its historical paintings and frescoes. Outside, on the east is the plaza, near the center of which sits the classic figure of George Washington. On the west side Story's bronze statue of John Marshall, like the Washington, a sitting figure, is encountered by the visitor just before he ascends the stairs over the terrace. It is curious to note that the main façade faces east, as it was anticipated that the city would spread in that direction; the reverse has proved to be the case and the Capitol turns its back toward the main portion of the city.

See illustrations opposite 779, 1495 and frontispiece, Vol. II.

Capitol:
Buildings of, beginnings of and grants for, 182.

Care of, should be committed to public agent, 596.
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Should not be adjudged, without regular investigation, 485.

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Caracas Commission discussed, 4761, 4826, 4920, 5090.

Caracas, Venezuela:
Centennial celebration of birth of Bolivar to be held at, 4716, 4760.
Statue of Washington to be commenced at, and industrial exhibition to be opened, 4716, 4760.

Carbine.—A short rifle for the use of cavalrymen.

Cardenas Bay, Cuba, conflict in, discussed, 6302, 6316.
The *Winslow* rescued by the *Hudson* in, thanks of Congress, etc., to officers and men of latter recommended, 6302.

Cardinal.—A prince of the Church of Rome, ranking in Catholic countries with princes of the blood royal, a member of the conclave or sacred college, which is the council of the Pope. Since 1179 the cardinals have claimed and exercised the privilege of electing the Pope. The full college consists of seventy cardinals. On March 15, 1875, Archbishop John McCloskey, of New York, was made the first American cardinal. He died Oct. 10, 1885, and on June 7, 1886, Archbishop James Gibbons, of Baltimore, was created cardinal. Nov. 27, 1911, Pope Pius X bestowed the red hat of Cardinal upon John M. Farley, of New York; William H. O'Connell, of Boston, and Diomede Falconio, formerly of Washington, for the United States.

Carlisle Indian School, establishment of, discussed, 4529.

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Carnegie Foundation for the Advancement of Teaching.—An institution founded by Andrew Carnegie in 1905, and incorporated by the Congress of the United States in 1906. The institution is endowed with $15,000,000, and its primary purposes are to provide retiring allowances for teachers and officers of colleges, universities, and technical schools in the United States, Canada, and Newfoundland; and to stimulate beneficient and discourage harmful tendencies in modern American education, especially in colleges and professional schools. By the seventh annual meeting of the trustees in 1912, 315 allowances were being paid to teachers, and 83 pensions to widows of teachers, at an annual cost of $603,855. The amount of the average retiring allowance is $1,676.66, the average age of retirement being about seventy years.

In the payment of retiring allowances to professors and pensions to widows of professors, the foundation aims to deal with institutions rather than with individuals. It has, therefore, formed an accepted list of institutions, the teachers and officers of which may retire under fixed rules. There were in November, 1913, seventy-three institutions on the accepted list. In addition to being a retiring allowance system for the benefit of higher education, the foundation has become an educational agency national in its influence. Educational problems are discussed in the annual report of the president, and in other bulletins published by the foundation.

For the year ending in September, 1915, 327 allowances were being paid, and 118 widows' pensions, the average allowance being $1,552. The total number of the allowances granted since the establishment of the Foundation is 639.

The first bulletins published by the Foundation are concerned with the admission of state universities to the Foundation's pension scheme; the financial status of the university professor in the United States and in Germany; standard forms for financial reports in colleges, universities and technical schools; medical education in the United States and in Canada; academic and industrial efficiency; medical education in Europe; a survey of the educational system of the state of Vermont; a study of legal education in America; the training of teachers in the state of Missouri; and a survey of engineering education in the United States.

Carnegie Hero Fund.—In April, 1904, Andrew Carnegie created a fund of $5,000,000 for the benefit of the dependents of

those losing their lives in heroic effort to save their fellow men, or for the heroes themselves if injured only. Provision was also made for medals to be given in commemoration of heroic acts.

The endowment known as "The Hero Fund" was placed in the hands of a commission composed of twenty-one persons, residents of Pittsburg, Pa., of which Charles L. Taylor is president, and F. M. Wilmot, secretary and manager of the fund.

In his letter to the Hero Fund Commission, Mr. Carnegie outlined the general scheme of the fund thus: "To place those following peaceful vocations who have been injured in heroic effort to save human life, in somewhat better positions pecuniarily than before, until able to work again. In case of death, the widow and children or other dependents are to be provided for until she remarries, and the children until they reach a self-supporting age. For exceptional children, exceptional grants may be made for exceptional education. Grants of sums of money may also be made to heroes or heroines as the commission thinks advisable—each case to be judged on its merits."

The fund applies only to acts performed within the United States of America, the Dominion of Canada, the colony of Newfoundland, and the waters thereof, and such acts must have been performed on or after April 15, 1904.

Carnegie Peace Foundation. (See Peace Societies.)

Carnifex Ferry (W. Va.), Battle of.—After McClellan's promotion, July 22, 1861, to the command of the Army of the Potomac, Rosecrans succeeded him in command in West Virginia. Gen. Floyd took a position on the Gauley River, eight miles south of Nicholas, W. Va., at Carnifex Ferry, with 2,000 Confederates, intending to cut off Cox's brigade from Rosecrans's army. Sept. 10 he was attacked in this position by Rosecrans with 10,000 men. Darkness terminated a sharp engagement, and the next morning Floyd was in the mountains, thirty miles away. The Federal loss was 120 killed and wounded. Among the former was Col. Lowe, of the Twelfth Ohio, who fell at the head of his regiment.

Caroline, The.—A steamer in the service of Canadian rebels which was seized on American soil by the British and burned. In 1836-37 a revolutionary spirit developed in Lower Canada. Dec. 12, 1837, the leaders of the insurrection, under one Mackenzie, seized the Canadian Navy Island, in the Niagara River, and set up a provisional government. Dec. 26 the Canadians, crossing the Niagara, after a fight in which several rebels were killed, burned the vessel (1618, 1929). The affair caused great indignation. President Van Buren issued proclamations demanding observance of the neutrality laws (1698, 1699). The New York militia was called out and placed under command of Gen. Scott.

Caroline, The, attacked and destroyed by British forces, 1618.
Claim on Brazil concerning, 4220.
Correspondence regarding, 1618, 1676, 1839, 1840, 2016, 2073.
Discussed, 1929.
Satisfaction demanded of Great Britain for destroying, 1732.

Caroline Islands.—A Pacific archipelago extending from lat. 3° to 11° north and from long. 137° to 163° east. The principal islands are Yap, Ponape, Strong, Babelthouap, and Rouk. The name usually includes the Pelew Islands. The inhabitants are Polynesians. Germany and Spain both claimed Yap Island until 1885, when the dispute was settled in favor of Spain. By treaty of Feb. 12, 1899, these islands, with the exception of Guam, the largest of the Marianne which had been ceded to the United States in 1898, passed on Oct. 1, 1899, from Spain into the hands of Germany. The purchase price paid by Germany was about $4,000,000. They consist of about five hundred coral islets which are small and sparsely peopled. The most important product and export is copra.

The islands were occupied by British troops in 1914, soon after the outbreak of the European War, and by the terms of the treaty of peace between the Entente Allies and Germany the islands passed out of German possession.

Caroline Islands:
Dispute between Germany and Spain relating to domination of, discussed, 4916, 6370.
Questions with Spain touching rights of American citizens in, 5622, 5751, 5872.

Carpenters' Hall.—Building owned by the guild or union of carpenters of Philadelphia. It was similar to the guild halls of London. The First and Second Continental Congresses held their sessions in this hall.

Carpetbaggers.—A term of reproach applied to certain northern politicians who in the days of the reconstruction of the southern states shortly after the close of the Civil War took up temporary residence in the south and sought election to Congress and various state offices. The name arose from the fact that only a few of them intended to settle permanently, and therefore carried, it was said, their effects in carpetbags. Some of them proved to be good and useful citizens, while many were unscrupulous adventurers who sought official positions for the purpose of enriching themselves.

Carriages and Wagons.—Ages of progress have intervened between the luxurious automobile touring car of to-day and the gaudy chariots of ancient kings. American inventive genius has added materially to this progress. Until the advent of the automobile the American buggy represented the highest type of private conveyance, being a modification of the English brougham and the German landau. Before the Revolution very little manufacturing was done in this country. Wealthy Americans imported their coaches, carriages and phaetons from England and France. The number of repair shops, however, increased with the number of vehicles.

The first American vehicle to be manufactured to any extent was the two-wheeled chaise, which became popular in New England. New York and Boston were connected by a stage-coach route in 1770. In 1776, when John Hancock married Dorothy Quincy, he took her by stage-coach to Philadelphia for a honeymoon.

After the Continental Congress had organized the Government, "the importation of coaches, chairs, and carriages of all

sorts from England was forbidden." In 1794 Congress, looking upon carriages as articles of luxury, imposed a tax on them.

With the improvement of roads through federal and state aid, the vehicle business grew. The Conestoga wagon, with broad wheels and canvas-covered body, often drawn by several teams of horses, came into general use in New York, New Jersey and Pennsylvania. Troy, N. Y., became famous for its coaches; Salem and Worcester, Mass., were also early noted as manufacturing centers. With the migration westward after the war of 1812, the vehicle business followed the main routes of travel. John Studebaker established a shop at Ashland, Ohio, in 1835, and two of his sons, having learned their father's trade, went to South Bend, Ind., in 1852, and established the business which has since grown to be the largest manufactory of vehicles in the world. The plant covers more than a hundred acres of ground, employs 3,000 workmen, uses annually 50,000,000 feet of lumber and thousands of tons of iron and steel. The yearly output of the factory exceeds 100,000 vehicles.

In 1872 the Carriage Builders' National Association was founded by the leading manufacturers of the country for training skilled workmen and to standardize the business. Rubber tires came into use in 1890.

In family and pleasure carriages Ohio ranks first. New York leads in the number of public conveyances manufactured, while Indiana heads the list of States turning out farm, government and municipal wagons. Michigan, Minnesota, Wisconsin and New York turn out about three-quarters of the sleighs and sleds.

In the census report for 1900 the statement was made that in the earliest stages of the carriage and wagon industry almost the entire work of manufacturing was done at the establishment, but specialization has wrought a change in this as in many other lines of manufacture, and now few, if any, manufacturers produce all the parts. The making of carriage and wagon materials as a separate industry is growing.

The busy time for the factories is covered by March, April and May, but work is fairly continuous the year round. About 40 per cent of the wage-earners work 60 hours per week.

Carriage and wagon making in its various branches, according to the census of 1910, was carried on in 5,492 establishments in the United States, and gave employment in 1909 to 82,944 persons, of whom 69,928 were wage-earners, and paid $45,555,126 in salaries and wages. The total cost of materials was $81,951,288, which was equal to about half (51.3 per cent.) of the total value of the products ($159,892,547), while the value added to the materials by manufacture was $77,941,259. Many establishments reported at censuses prior to the thirteenth as manufacturing carriages and wagons have since turned wholly or in part to the manufacture of automobiles.

For the industry as a whole in 1914 there were reported 5,320 establishments, which manufactured 1,187,002 vehicles, valued at $72,283,898. At the 1909 census there were reported 5,613 establishments, with an output of 1,584,571 vehicles, valued at $94,037,900. The number of establishments thus decreased during the five-year period by 293, or 5.2 per cent; the number of vehicles, by 397,569, or 25.1 per cent; and the value, by $21,754,002, or 23.1 per cent.

Carrizal, encounter with Mexican troops at, 8140.

Cars, Steam and Electric and Railroad Repair Shops.—A recent report of the Census Bureau covers the operation of establishments building cars for use on steam and electric railroads and of repair shops by steam and electric railroads. The report covered the last year of the industry before the European War had made it abnormal.

The scope of the industry was as follows:

Number Establishments	2,128
Persons Engaged	453,414
Capital	$590,268,801
Salaries and Wages	330,655,874
Rent and Taxes	3,329,777
Cost of Materials	399,988,119
Value of Products	757,888,412

The following table shows the number of cars made, in the first two lines by independent industries, and in the third and fourth by railroad companies:

	Number	*Value*
Total	137,823	$164,959,665
Cars, steam r. r.s.	120,278	140,868,781
Cars, electric r. r.s.	2,365	8,150,382
Cars, construction, repairs, steam r. r.s.	10,745	11,999,983
Cars, construction, repairs, electric r. r.s	304	811,104
All others	4,131	3,129,415

The following table shows the character of the cars made:

All wood, passenger	507
Freight and all other	1,845
Steel underframe, passenger	1,421
Freight and all other	62,284
Steel body, wood interior, Passenger	914
Freight and all other	4,200
All steel, passenger	3,296
Freight and all other	48,165

In the production of cars for steam-railroads, Illinois, Pennsylvania and Indiana occupy first, second and third places, respectively. The number of cars produced in the report year for steam-railroads was as follows:

	Number	*Value*
Baggage and Express	438	$ 3,642,629
Mail	145	1,497,824
Passenger	1,645	19,577,886
Pullman, etc.	1,206	19,237,459
Box Freight	50,481	40,952,538
Caboose	340	420,568
Flat	4,781	3,120,084
Gondolas	25,077	22,808,750
Hopper	9,754	10,708,407
Refrigerator	5,800	8,077,062
Stock	3,929	2,587,065
Tank	1,250	1,255,167
Other Freight	15,238	6,272,144

Carson and Colorado Railroad, right of way of, through Walker River Reservation, Nev., referred to, 4736, 4776, 4953, 5178.

Carsons Valley, Utah, Territorial government over, referred to, 3014.

Cartel.—An agreement between belligerent states relating to the methods of carrying on the war, as for the exchange of prisoners, declaring certain ground neutral, repressing marauders, carrying on postal communication, or the like. A cartel-ship (sometimes simply called a cartel) is one used in exchanging prisoners or carrying communications to the enemy. Cartels for the exchange of prisoners are perhaps the most common. These are usu-

ally concluded by the two governments, but generals may treat with each other directly. An exchange of prisoners is beneficial to each side, which thereby recovers its own men and is saved the trouble and expense of guarding and feeding its captives. In an exchange, the rank of the prisoners is taken into account, and, so far as possible, man is exchanged for man of equal rank.

Carthage (Mo.), Battle of.—After Governor Jackson and his followers had been driven from Boonville by Gen. Lyon they pushed westward into Jasper County, being joined on the way by Gen. Sterling Price. This increased the Confederate forces to 3,600. July 5, 1861, they were confronted near Carthage by Gen. Franz Sigel with a force of 1,500 men, who had been sent to the southwestern part of the State to prevent reenforcements arriving from Arkansas and Texas. Sigel, after a short engagement, retreated through Carthage to Sarcoxie, fifteen miles to the eastward. His loss was 13 killed and 31 wounded. The Confederates reported their loss at 40 to 50 killed and 125 to 150 wounded.

Cartoon.—A caricature used in attacking an individual or a policy, especially public officials or political measures.

Cartoons, Early. (See illustrations opposite 1180, 1434, 1527, 1841, 2888, 3039, 4328, 4360.

Cary's Rebellion.—Thomas Cary, deputy governor of North Carolina, was deposed in 1705 at the solicitation of the Quakers for disfranchising them under the requirements of the test act. For several years Cary endeavored to usurp the government. In 1711 he attempted to capture Governor Hyde by force. Governor Spotswood, of Virginia, sent soldiers to Hyde's assistance and Cady was forced to submit.

Casa Grande Ruin, Arizona. (See Parks, National.)

Castle Island, Boston Harbor, joint resolution authorizing use and improvement of, yetoed, 5246.

Casus-Belli.—Literally a cause of war; as an overt act, or an insult by one nation to the dignity and peace of another nation when the circumstances will not permit of diplomatic adjustment.

Catawba, The, purchased for Peru, detention of, 3831, 3835.

Catchword.—A word or phrase of popular appeal—often one employed by a political party, as "Fifty-Four, Forty or Fight"; "Protection and Prosperity"; "Peace and Prosperity"; "He kept us out of War," etc.

Catherine, The, seizer of, by British cruiser *Dolphin* discussed, 2070.

Catherine Augusta, The, seized by Denmark with the *Ben Franklin*, 4462, 5369. (See Butterfield, Carlos & Co.)
Arbitration in case of, 5369.

Cattle:
Contagious diseases among, discussed, 4578, 4580, 4771, 5112, 5383, 5764, 5887.
Convention at Chicago on subject of diseases of, 4771.
Exportation and importation of. (See Animals and Animal Products.)
Inspection of. (See Animal Industry, Bureau of.)
Restrictions on importation of. (See Animals and Animal Products.)
Slaughter of, from United States required by Great Britain, 5764, 6178.

Cattle, Exhibition, International, at Hamburg, Germany, discussed, 4714.

Cattle Plague. (See Pleuro-Pneumonia.)

Caucasus.—Before the Russian Revolution, one of the general governments of Imperial Russia. It lies in the southeast of Europe, between the Caspian Sea, the Sea of Azov, and the Black Sea. Previous to 1917, it was generally divided into Ciscaucasia and Transcaucasia, the former in Europe and the latter in Asia. The population is estimated at 13,000,000, and the area at 185,000 square miles. The leading towns are Tiflis (330,000), Baku (235,000), Saliany (120,000) and Yekaterinodar (110,000). The Caucasus contains various nationalities of but slight connection with the well-known races of Europe, and with the continuation of Bolshevist rule in Russia during 1918 and 1919 the peoples of the Caucasus for practical purposes had broken away from Russia and had formed independent groups. Among the new nations thus formed were Georgia, a Tartar nation (Azerbaijan) and an Armenian national group. By 1920 the British had occupied the rich oil region around Baku, on the Caspian Sea, the southeast corner of the Caucasus.

Caucus.—A meeting of the adherents of a political party to name candidates for office or agree upon lines of party policy. Though the caucus is strictly an American institution, similar meetings are sometimes held in England. Mr. Gladstone held a caucus respecting the ballot bill July 6, 1871. The caucus originated in Boston in the early part of the eighteenth century. It is supposed to have derived its name from the meetings of the calkers connected with the shipping business in the North End. From these local meetings the custom grew and carried the name with it until after the institution of the Federal Government it was applied to the Congressional meetings which nominated candidates for the Presidency and Vice-Presidency of the United States. The custom was pursued until 1824. In 1828 nominations were made by state legislatures, and in 1831 the present system of nominating by conventions came into use. State officers were similarly nominated by legislative caucuses until, somewhat previous to the general party system, nominating conventions took their place. Caucuses of members of Congress are now held regularly by the adherents of the several political parties to discuss and determine upon party policies and to choose the officers of the Senate and House.

Cavalry.—Soldiers on horse-back. (See Army.)

Cavalry, increase in, recommended, 228, 230, 2714, 4961.

Cavalry Regiments, wisdom of increase in, 6669. (See also Army.)

Cavite, Philippine Islands, batteries at, silenced by American squadron, 6297, 6315.

Cayuga Indians. (See Indian Tribes.)

Cayuse Indians. (See Indian Tribes.)

Cedar Creek (Va.), Battle of.—One of the most notable actions in the Civil War. After the engagement at Fishers Hill Sheri-

dan posted his army on the north side of Cedar Creek, near Strasburg, and went to Washington to consult as to the return of the Sixth Corps. During his absence Early, who had been reenforced by Lee to his original strength, returned up the valley, crossed Cedar Creek, and on the morning of Oct. 19, 1864, surprised the Federal camp and captured 24 guns and 1,500 prisoners. The Federal army under command of Gen. Wright retired toward Winchester, when Sheridan, who had arrived at the latter place during the forenoon, rejoined the army and ordered the battle renewed. Early's men were in possession of the camp at Cedar Creek when they were attacked about 3 o'clock in the afternoon and defeated, with heavy losses to both sides. The Confederates lost all the guns and camp equipage which they had previously captured, about 24 guns of their own, and some flags. Sheridan's loss in the two engagements, in killed, wounded and prisoners, was 5,990; the Confederate loss was 2,400. This was the last effort of the Confederate forces to occupy the Shenandoah Valley.

Cedar Keys, Fla., interference with collector of customs in, and action of Government discussed, 5507.

Cedar Mountain (Va.), Battle of.—June 26, 1862, Gen. Pope was assigned to the command of the combined forces of Banks, Frémont, and McDowell, known as the army of Virginia. Each of the separate armies had been defeated or forced into retreat by Jackson. The combined forces numbered 45,000, including 5,000 cavalry. Pope established headquarters at Culpeper, about 60 miles southwest of Washington. Gen. Lee sent Jackson and A. P. Hill to occupy Gordonsville, a few miles south of Culpeper. Their united armies, numbering, according to Federal accounts, 25,000 men, advanced toward Culpeper, and on Aug. 9 attacked Gen. Banks, with a force of 8,000 men, at Cedar Mountain, a hill two miles west of Mitchells Station, Culpeper County, Va. Banks was defeated. The Federal losses were 314 killed, 1,445 wounded, and 620 missing. The Confederates lost 229 killed, and 1,047 wounded.

Cedar Rapids, Iowa, act for erection of public buildings in, returned, 5503.

"Celerity, Certainty and Security." (See Star Routes.)

The following table shows the number of cemeteries maintained by the Federal Government and the interments of soldiers and sailors therein up to June 30, 1915:

Name of Cemetery	Area in Acres	Interments	
		Unknown Dead	Total
Alexandria, La.	8.24	2,380	4,539
Alexandria, Va.	5.50	124	3,565
Andersonville, Ga.	125	1,037	13,723
Andrew Johnson (Greenville), Tenn.	15	.....	19
Annapolis, Md.	4.125	205	2,540
Antietam, Md.	11	1,848	4,759
Arlington, Va.	408.33	4,691	23,965
Balls Bluff, Va.	.0057	24	25
Barrancas, Fla.	8.56	741	1,656
Baton Rouge, La.	7.50	536	3,158
Battle Ground, D. C.	1	.....	44
Beaufort, S. C.	29	4,598	9,485
Beverly, N. J.	1	7	199
Camp Butler, Ill.	6	166	1,596
Camp Nelson, Ky.	9.50	1,245	3,659
Cave Hill, Ky.	3.58	593	4,757
Chalmette, La.	13.60	5,746	13,093
Chattanooga, Tenn.	129.53	5,058	13,679
City Point, Va.	7.49	1,406	5,159
Cold Harbor, Va.	1.75	1,337	1,963
Corinth, Miss.	20	3,995	5,737
Crown Hill, Ind.	1.37	37	794
Culpeper, Va.	6	912	1,375
Custer Battlefield, Mont.	6.91	274	1,579
Cypress Hills, N. Y.	18.14	384	7,565
Danville, Ky.	.31	9	358
Danville, Va.	3.50	159	1,331
Fayetteville, Ark.	6.63	810	1,311
Finns Point, N. J.	2.50	30	2,631
Florence, S. C.	3.76	2,800	3,013
Fort Donelson, Tenn.	15.34	512	675
Fort Gibson, Okla.	6.90	2,208	2,487
Fort Harrison, Va.	1.55	582	818
Fort Leavenworth, Kans.	15	1,583	4,016
Fort McPherson, Nebr.	107	361	852
Fort Scott, Kans.	10.26	126	827
Fort Smith, Ark.	15	1,466	2,394
Fredericksburg, Va.	12	12,736	15,185
Gettysburg, Pa.	14.87	1,632	3,676
Glendale, Va.	2.12	959	1,197
Grafton, W. Va.	3.40	650	1,273
Hampton, Va.	19.61	634	11,246
Jefferson Barracks, Mo.	50	3,015	12,572
Jefferson City, Mo.	2	446	842
Keokuk, Iowa.	2.75	45	897
Knoxville, Tenn.	9.83	1,163	3,542
Lebanon, Ky.	2.50	277	875
Lexington, Ky.	.75	106	1,130
Little Rock, Ark.	12.12	3,030	6,881
Loudon Park, Md.	5.29	348	3,954
Marietta, Ga.	24	3,094	10,423
Memphis, Tenn.	43.91	8,862	14,424
Mexico City, Mex.	2	751	1,548
Mill Springs, Ky.	3.50	410	727
Mobile, Ala.	2.68	238	1,122
Mound City, Ill.	10.50	2,759	5,424
Nashville, Tenn.	65	4,121	16,767
Natchez, Miss.	11	2,786	3,397
New Albany, Ind.	5.46	732	3,137
Newbern, N. C.	7.60	1,110	3,397
Philadelphia, Pa.	13.26	40	3,404
Poplar Grove, Va.	8.65	4,068	6,216
Port Hudson, La.	8	3,240	3,848
Quincy, Ill.	.459	57	312
Raleigh, N. C.	7.83	550	1,214
Richmond, Va.	9.74	5,678	6,574
Rock Island, Ill.	1	45	424
Salisbury, N. C.	6	12,035	12,148
San Antonio, Tex.	3.63	318	1,932
San Francisco, Cal.	37.50	472	6,976
Santa Fe, N. Mex.	9.35	455	1,089
Seven Pines, Va.	1.55	1,238	1,400
Shiloh, Tenn.	10.55	2,405	3,622
Soldiers' Home, D. C.	16	291	7,737
Springfield, Mo.	5	1,247	2,434
St. Augustine, Fla.	.58	1,553	1,773
Staunton, Va.	1.15	536	766
Stone River, Tenn.	20.10	2,547	6,149
Vicksburg, Miss.	40.	12,910	17,046
Wilmington, N. C.	5	1,609	2,358
Winchester, Va.	4.89	2,435	4,545
Woodlawn, N. Y.	2.36	20	3,270
Yorktown, Va.	3	1,446	2,195
Total	1,564.370	153,095	370,415

Of these interments about 9,847 are those of Confederates, being mainly in the National Cemeteries at Camp Butler, Cypress Hills, Finns Point, Fort Smith, Hampton, Jefferson Barracks, Springfield and Woodlawn.

Cemeteries, National.—The army appropriation bill for 1850 contained a clause setting aside $10,000 to purchase a lot near the City of Mexico for the interment of United States soldiers who fell near that place during the Mexican War.

Since the Civil War Congress has established eighty-four cemeteries within the

United States. They are mostly in the South, as most of the soldiers fell in that region. In all there are 370,415 graves, each marked with a marble headstone. The name and rank of each occupant is chiseled on the head-stone when known.

The national cemetery at Gettysburg, Pa., is peculiarly interesting from its having been dedicated by President Lincoln in 1863. It abounds in numerous memorials of the departed soldiers, including a national monument. It has been the scene of a reunion of the survivors of the great battle fought there July 1-3, 1863. The Government assumed charge of it in 1872.

Cemeteries, National. (See also National Cemeteries.)

Establishment of, and number of Union soldiers buried in, discussed, 3649.

Government employees to be permitted to participate in ceremonies at, 3862, 4120, 4137, 4184, 4237, 4282, 4352, 4402, 4443, 4508, 4552, 4603, 4712, 4753, 4818, 4899, 5078, 5350, 5463, 5540, 5609, 5832, 5949, 6046.

Censors.—Roman magistrates to survey and rate the property and correct the manners of the people were appointed about 443 B. C. The old constitution of Pennsylvania, framed in 1776, provided for a council of censors, to be chosen two from each city or county every seven years, whose duty it should be to investigate the departments of the government and inquire whether the constitution had been violated. A new constitution was framed in 1790 with this provision omitted. The Vermont constitution, modeled after that of Pennsylvania, provided for censors, and this requirement was not abolished till 1870.

Censorship.—Regulation of and control over publications and utterances. Foreign nations, especially during the European War, frequently have resorted to this means of preventing publicity of governmental action and political plans, but in the United States censorship has not yet been resorted to by the Government except in an advisory way, and then only in war times. The first Amendment to the Constitution specifically inhibits the abridgement of the freedom of speech or of the press. (See Espionage Law.)

Censorship:

Board created, 8369.

Cable, removed by Great Britain and France, 8647.

In war times, discussed, 8358.

Over cable, telegraph and telephone lines ordered, 8254, 8593.

Powers of, vested in Postmaster-general, 8371.

Censorship Board.— The powers and functions of this body are described under the Trading-with-the-Enemy Act, which see.

Censure, Resolutions of.—Two resolutions of censure on the president have been passed, once by the Senate and once by the House, on occasions where the majority passing these resolutions was not sufficiently large either to pass measures over the president's veto or to impeach him. March 28, 1834, after three months' debate over an attempt to impeach Andrew Jackson, Congress resolved that the "president, in the late executive proceedings in relation to the public revenue, has assumed upon himself authority and power not conferred by the Constitution and laws, but in derogation of both." Jackson protested, but without avail. In 1837 the resolutions were expunged from the records. Jan. 10, 1843, John M. Botts, of Virginia, offered a resolution for the impeachment of President Tyler for "gross usurpation of power, wicked and corrupt abuse of the power of appointment, high crimes and misdemeanors," etc. Tyler protested against this as Jackson had done before him, but he had as a member of the Senate voted against the reception of Jackson's protest, and in answer to his protest the House sent him a copy of the Senate resolution on the former occasion. The resolution was rejected by a vote of 83 to 127. (See also Protests.)

Census.—The Constitution requires that a census of the United States shall be taken decennially. The first census was taken in 1790 under the supervision of the president; subsequent censuses, to and including that of 1840, were taken under the supervision of the Secretary of State. In 1849 the supervision of the census was transferred to the newly organized Department of the Interior, and continued under the control of that department until the passage of the act of 1903, creating the Department of Commerce and Labor; by this act the Census Bureau was transferred to the new department. Congress, by act approved March 6, 1902, made the Census Bureau a permanent bureau of the Government.

The work of the Census Bureau is divided into two main branches, namely, the decennial census and special statistical inquiries, the latter mostly made in the intervals between the decennial censuses. The Thirteenth Decennial Census was taken as of date April 15, 1910. It covered the three main subjects—(1) population, (2) agriculture, and (3) manufactures, mines and quarries.

The permanent work of the Census Bureau is provided for by the act of Congress approved March 6, 1902, and amendments thereto. These acts authorize and direct the Bureau to make statistical inquiries regarding the insane, feeble-minded, deaf and dumb, and blind; crime, pauperism, and benevolence; deaths and births in the areas maintaining registration system; social and financial statistics of cities; wealth, debt and taxation; religious bodies; electric light and power, telephones and telegraphs, and street railways; transportation by water; cotton production and distribution; and production of forest products. The statistics of deaths (which now cover a little over half of the country), of cities, and of production of cotton and forest products, are secured annually; the other statistics mentioned are taken usually at intervals of five or ten years, not, however, at the same time as the regular decennial censuses. The act of 1902 also provides for a census of manufactures in the fifth year intervening between the decennial censuses, and the new Thirteenth Census act further provides for a census of agriculture in 1915, as well as in 1910.

The Fourteenth Census of the United States was taken as of January 1, 1920. Its cost was estimated at more than $18,000,000 and its number of enumerators, 90,000.

The Director of the Census is appointed by the President. He receives an annual

salary of $7,500 in the three-year decennial census period and $6,000 in the other seven years. The permanent staff at the Census Bureau in Washington numbers almost 1,000.

See also Population.

Census:

Appropriation for expenses of, recommended, 4654, 4664, 4690, 4695, 4737.

Discussed and recommendations regarding, by President—

Adams, J. Q., 880, 985.
Arthur, 4635.
Cleveland, 5978.
Fillmore, 2622, 2665, 2708.
Grant, 3996, 4066, 4156, 4208.
Harrison, Benj., 5553, 5640.
Jackson, 1093, 1367.
Jefferson, 315.
Johnson, 3872.
Lincoln, 3259, 3338.
McKinley, 6345, 6389, 6454.
Monroe, 788, 817.
Pierce, 2756.
Roosevelt, 6676, 7104, 7176, 7228.
Taylor, 2560.
Tyler, 1894, 1934, 1943.
Van Buren, 1714, 1775.
Washington, 98, 102, 104.

Every five years recommended, 4208.

Fourteenth, proclamation for taking of, 8802.

Information acquired in, is confidential, 8803.

In 1875, recommendation for, 4157, 4208.

Laws regarding time of taking, discussed, 986.

Referred to, 1775.

Pensioners, names and ages of, should be taken with, 1744.

Postage on papers concerning, discussed, 654.

Referred to, 6345, 6389, 6454, 6676.

Supervisors of, removed, referred to, 4543.

Thirteenth, accuracy of, and frauds in, 7539.

Census, Agricultural, recommended, 5982.

Census Board referred to, 2560.

Census Bureau discussed, 4066, 5640.

Cent.—Copper coins stamped with various designs were issued first by the states and later by the Federal Government. Vermont was the first state to issue copper cents, having granted permission in June, 1785, to Reuben Harmon, Jr., to make money for the state for two years. In October, 1785, Connecticut granted the right to coin £10,000 in copper cents, known as the Connecticut cent of 1785. In 1786 Massachusetts established a mint and coined $60,000 in cents and half cents. In the same year New Jersey granted the right to coin £10,000 at 15 coppers to the shilling. In 1781 the Continental Congress directed Robert Morris to look into the matter of governmental coinage. He proposed a standard based on the Spanish dollar, one hundred units to be called a cent. His plan was rejected, and in 1784 Jefferson proposed to Congress that the smallest coin should be of copper, of which 200 should pass for one dollar. In 1876, one hundred was substituted. The act of April 2, 1792, authorized the coinage of copper cents containing 264 grains and half cents in proportion. By the acts of Jan. 14, 1793, and Jan. 26, 1796, their weight was reduced (183).

Their coinage commenced in 1793. In 1857 the nickel cent was substituted and the half cent discontinued and in 1864 the bronze cent was introduced, weighing forty-eight grains and consisting of ninety-five per cent of copper and the remainder of tin and zinc. In the calendar year 1910 there were coined 152,846,218 cent pieces worth $1,528,462.18. This was about $20,000 more than the value of five cent pieces coined, and about $100,000 less than the value of dimes coined. A proposition to coin a half-cent piece was introduced in the Sixty-second Congress in 1912, but failed of passage.

Cent. (See Copper Coins.)

Centennial Anniversary of Founding of Washington as Capital to be held in 1900, 6347, 6404, 6456.

Centennial Anniversary of Framing of Constitution, proposition to celebrate, in Philadelphia, 5118.

Centennial Anniversary of Independence, proclamation recommending delivery and filing of historical sketches of counties and towns, 4345.

Centennial Celebration of Inauguration of President Washington to be held in New York, 5371.

Proclamation regarding, 5453.

Centennial Exposition at Philadelphia.—An international exhibition of arts, manufactures, and products of the soil and mines, held at Fairmount Park, Philadelphia, from May 19 to Nov. 10, 1876. It was the first international exhibition of the kind held in this country, and was intended to celebrate the completion of a century of the existence of the United States as an independent nation. The enterprise received President Grant's warmest support (4158, 4216, 4254, 4308). Citizens of Philadelphia subscribed $10,000,000 of capital stock. Congress appropriated $2,000,000 as a loan, Pennsylvania $1,000,000, and the city of Philadelphia $1,500,000. Eight million persons paid admission, and many foreign countries were represented by exhibits.

Centennial Exposition at Philadelphia discussed, 4158, 4216, 4254, 4308.

Appropriation for, recommended, 4270, 4314.

Commission referred to, 4272, 4315.

Correspondence regarding, referred to, 4311.

Executive orders regarding, 4235, 4280.

Government aid to, recommended, 4215.

Proclamation regarding, 4181.

Removal of government exhibit to capital for permanent exhibit recommended, 4364.
Exhibits of foreign nations contributed, 4365.
Report of board on behalf of Executive Departments, printing and distribution of, recommended, 4381, 4429.
Report of commission referred to, 4364, 4465.
Results of, discussed, 4355, 4365, 4465.

Centennial State.—A nickname for Colorado (q. v.). (See also States.)

Central America.—The six Isthmian states have an area which a little exceeds 200,000 square miles. The greatest breadths, approximately along 15° N. lat. from Cape Gracios á Dios to the southwest of Mexico, is about 10°. The republics of Central America are: Costa Rica, Guatemala, Honduras, Nicaragua, Panama, Salvador.

The uplands of the plateau of Mexico are interrupted by the lowland of the Isthmus of Tehuantepec, but rise again on the southeast. The general formation as far south as Costa Rica, where the Isthmus narrows and the mountains tend to form a single chain, is that of a plateau sloping gently towards the Atlantic and steeply towards the Pacific. On this are many more or less parallel ranges.

Nicaragua has a wide coast plain on the east, the Mosquito Coast, uplands in the interior from 1,000 to 7,000 feet, sloping gently towards the Atlantic and steeply towards the lakes, and volcanic cones, which continue the western volcanic zone. Some of these are active, Coseguina and Masaya have been the scenes of vast eruptions. To the east of this range is a great depression occupied by Lakes Managua and Nicaragua. These are drained by the San Juan River which flows into the Pacific.

To the south the main Cordillera follows the center of the isthmus to Panama, where a relative depression from Limon Bay on the Atlantic to Panama on the Pacific has favored the construction of the canal at the narrowest portion.

Central America (see also the several States):
Affairs of, discussed, 6325.
Civil war in, 977.
Commercial relations with, 1115, 4327, 4826.
Commission to South America and, for improving commercial relations, 4826, 4863, 4864, 4915, 4955, 5116.
Consuls of United States to, increase in number of, recommended, 4760.
Conventions and treaties between Great Britain and United States regarding dominion over, discussed, 2861, 2884, 2901, 2951, 2952.
Complications arising under, 2973, 3039.
Construction of, discussed, 2973.
Correspondence regarding, transmitted, 2722, 2894.
Diplomatic relations with, referred to, 2724.
Diplomatic representation of United States in, discussed, 6325.
Financial assistance to, discussed, 7772.
Fugitive criminals, convention with, for surrender of, 4055.
Greater Republic of Central America, establishment of, discussed, 6325, 6365.
Greytown, bombardment of. (See Greytown, Nicaragua.)
Minister of United States—
Attacked and wounded by outlaws in, 2814.
Grade of, elevated to plenipotentiary rank, 4717.
Sent to, 2744.
Monarchical government, establishment of, in, referred to, 3402.
New British colony established in, 2719.
Outlaws in—
American minister attacked and wounded by, 2814.
Marauding bands of, destroying property of American citizens, discussed, 2815.
Town occupied by, bombarded, 2816.
Complaint of foreign powers regarding, 2817.
Policy of United States toward, discussed by President—
Benjamin Harrison, 5750.
Taft, 7772.
Questions between Great Britain and United States regarding, 2741, 2813, 2901, 2943, 2973, 3039.
Referred to, 2722.
Republics of, convention for arbitration of pecuniary claims, convention with, 7982.
Ship Canal through, discussed, 1115. (See also Nicaragua Canal; Panama Canal.)
Situation in, discussed by President Taft, 7766 et seq.
Treaty with Great Britain regarding. (See Clayton-Bulwer Treaty.)
Treaty with States formerly composing, referred to, 2553, 2569, 2570.
Transmission of, to House declined, 2601.
Treaty with, transmitted and discussed, 883, 916, 1750, 4055.
War in, discussed, 4911.
Central America, Greater Republic of, establishment of, discussed, 6325, 6365.

Central American Peace Conference.—On account of the frequent revolutions in the Central American republics, as well as the wars between them, President Diaz, of Mexico, and President Roosevelt appealed to the republics to confer with each other on the question of a general treaty of arbitra-

tion and amity. In response to this invitation all the Central American States—Costa Rica, Guatemala, Honduras, Nicaragua, and Salvador—sent delegates to a conference in Washington, lasting from Nov. 14 to Dec. 18, 1907.

As a result of the deliberations of this conference, eight conventions were agreed to as follows and signed by the delegates: General Treaty of Peace and Amity; Additional Conventions to the General Treaty; Establishing a Central American Court of Justice; Extradition; On Future Conferences (monetary); On Communications; Establishing an International Central American Bureau; Establishing a Pedagogical Institute.

These conventions provide for permanent legations in each from all the others; forbid inciting rebellion against any one country within the borders of another; arrest and trial of any person, of whatever nationality, accused of inciting rebellion against any of the republics; refusal of any to recognize revolutionary governments which may come into power in another until acknowledged by the freely elected representatives of the people; non-interference in internal warfare. The Central American Court of Justice was formed, to consist of five justices, one from each republic, to sit at the city of Cartago, in Costa Rica. This court has jurisdiction over international questions between the republics or between citizens of one and the government of another. Other conventions provide for unification of the monetary system of the republics, as well as weights, measures, transportation, education, and the development of the commerce, industries, peace and prosperity of the countries of Central America.

May 26, 1908, the Central American Court of Justice was opened at Cartago, Costa Rica, in the presence of representatives of United States, Mexico, and all the Central American republics. The day was celebrated throughout Central America as a national holiday. The United States commissioner announced the gift of $100,000 from Andrew Carnegie to build a temple for the sittings of the court. In July, Honduras and Nicaragua brought charges against Salvador and Guatemala. President Davilla, of Honduras, charged that a recent revolt in Honduras was organized and supported in the neighboring States of Guatemala and Salvador. President Zelaya, of Nicaragua, made similar charges. The latter's claims were dismissed as lacking foundation. The Honduras claims were examined and decided adversely in the following December. This was taken as an indication of the ultimate utility of the court for the purposes for which it had been created. The differences here peacefully adjusted were of the class that formerly led to hostilities.

Central American Peace Conference, result of efforts of Presidents of United States and Mexico, 7125.

Central Powers.—The term applied during the European War to the opponents of the Entente Allies (q. v.), namely,—Germany, Austria-Hungary, Bulgaria, and Turkey. The term succeeded the previous term, the "Triple Alliance" (q. v.), when that term was rendered void by Italy's refusal to assist Germany and Austria in the European conflict. The term "Quadruple Alliance" was occasionally used to describe the Central Powers. (See World War.)

Centralization.—A term used to indicate the tendency toward greater power and authority in the Federal Government, as distinguished from the power of state governments; and the power of the state government as distinguished from local power. The telegraph, telephone and railroad have made communication so readily available as effectually to shorten the distance between points in the United States and interstate commerce has grown to be the rule, whereas formerly it was the exception. These influences have greatly assisted the present trend toward greater national centralization. An example of centralization is fixing rates and otherwise specifying regulations for railroads on the part of the Federal Government. (See State Rights.)

Centre of Population.—Bishop Berkeley, writing early in the eighteenth century, said in his poem "On the Prospect of Planting Arts and Learning in America":

"Westward the course of empire takes its way;
The four first acts already past,
A fifth shall close the drama with the day;
Time's noblest offspring is the last."

The epigraph to Bancroft's "History of the United States" made the first line of the above read as follows:

"Westward the star of empire takes its way."

The centre of population, the "star of empire," of the United States has moved steadily westward from a point east of Baltimore in 1790. It has never departed far from the 39th parallel of latitude, and only twice crossed it to the south. The annexed table shows its progress:

Census Year	Approximate Location	Movement in Miles during Preceding Decade
1790	Twenty-three miles East of Baltimore, Md.	....
1800	Eighteen miles West of Baltimore, Md.	40.6
1810	Forty miles Northwest by West of Washington, D. C.	36.9
1820	Sixteen miles North of Woodstock, Va.	50.5
1830	Nineteen miles West-Southwest of Moorefield, W. Va.*	40.4
1840	Sixteen miles South of Clarksburg, W. Va.*	55.0
1850	Twenty-three miles Southeast of Parkersburg, W. Va.*	54.8
1860	Twenty miles South of Chillicothe, Ohio	80.6
1870	Forty-eight miles East by North of Cincinnati, Ohio	44.1
1880	Eight miles West by South of Cincinnati, Ohio	58.1
1890	Twenty miles East of Columbus, Ind.	48.6
1900	Six miles Southeast of Columbus, Ind.	14.6
1910	In the city of Bloomington, Ind.	39.0
1920	Eight miles Southeast of Spencer, Owen County, Indiana	9.8

* West Virginia formed part of Virginia until 1860

Cerro Gordo (Mexico), Battle of.—This battle was fought on April 17 and 18, 1847. Ten days after the surrender of Vera Cruz the vanguards of Scott's army, under Brig.-Gen. Twiggs, took up the march toward the Mexican capital. The distance to be covered was nearly 200 miles. Three days later they arrived at the foot of the Orizaba Mountains, 50 miles to the westward. Here Santa Anna, the Mexican President, had assembled a force of 15,000 men, intrenched on the heights of Cerro Gordo. The American force did not exceed 8,000 men. By cutting a new road around the mountain to the flank of the enemy and simultaneously assaulting front and rear the Mexicans were forced to sur-

render. Santa Anna escaped with some 6,000 or 7,000 of his army down the road toward Jalapa. The loss to the Americans was 63 killed and 398 wounded. That of the enemy was estimated to be nearly 1,200 killed and wounded. The victors captured 3,000 prisoners (who were paroled), between 3,000 and 4,000 stand of arms, 43 pieces of heavy bronze cannon, and a large quantity of fixed ammunition. (See illustration opposite 2300.)

Cerro Gordo (Mexico), Battle of, referred to, 2386.

Cerruti, claim of, against Colombia discussed, 6328.

Cervera, Admiral, Spanish fleet under command of, in Santiago Harbor, Cuba, 6316.

Destroyed by American squadron while attempting to escape, 6317. (See also Spanish-American War.)

Cession of Lands. (See Lands, Indian.)

Ceylon. — An island in the Indian Ocean at the southern end of Hindustan, due east of the southern tip of India. It is a British possession.

Its greatest length is 270 miles and its greatest width is 140 miles, the total area being 25,480 square miles. In 1911, the population was 4,110,367, with some 8,500 Europeans. More recent estimates place the population at 4,630,000, with some 7,000 Europeans.

History.—Our first knowledge of value concerning Ceylon dates from the fifth century B. C. when Hindus from northern India established the Sinhalese dynasty. After much warfare, northern Ceylon was occupied by Tamils, from South India, and today the inhabitants of northern Ceylon are chiefly Tamils, of the Hindu faith. But Buddhism was transplanted from India in the third century B. C. and it is still the religion of the majority of the inhabitants of the island. Early in the sixteenth century A. D., the Portuguese made settlements on Ceylon, only to be driven out about 150 years later by the Dutch. In 1795-6, Great Britain annexed Ceylon, making it into a separate colony in 1801, although it was not until 1815 that the interior of the island was captured for British rule.

Government.—The Constitution was established in 1833. After many modifications, it was embodied in the Letters Patent of 1910. The administration is in the hands of a Governor, appointed by the Crown, who is assisted by an Executive Council of seven, and by a Legislative Council of 21, six of which are nominated by the Governor and four others elected to represent the various classes and races on the island. Ceylon is divided into nine provinces.

Production.—About one-fifth of the island is under cultivation or is used for pasture land. The chief products are tea, paddy, cocoanuts and rubber. Exports of tea average some 200,000,000 pounds and of rubber, 75,000,000 pounds (about one-half going to the United States). The value of the chief exports for a recent year was as follows:—Rubber, $40,000,000; Tea, $30,000,000; Plumbago, $5,000,000; Copra, $4,000,000; Cocoanut products, $6,000,000. The chief imports are rice, cotton manufactures and coal.

Communications.—There are 715 miles of railroad, 525 post-offices, 150 telegraph offices, and 7,000 miles of telegraph wire.

Miscellaneous.—The capital and chief town is Colombo (225,000). The climate is relatively healthy and far more moderate than that of southern India. Rain falls constantly, with the result of making the foliage especially luxurious. Some attention is being paid to education of the natives. The law of the island is Roman Dutch. The average revenue and expenditure is between $20,000,000 and $25,000,000. The official currency is that of the United Kingdom.

Chair Manufacturing. — The wood used in the manufacture of chairs comes almost entirely from the hardwoods, especially oak, birch, beech, maple, rock and soft elm, walnut and mahogany. After the outbreak of the European War, beech was generally used, although previously it had been in little demand.

About forty years ago walnut was extensively used in the manufacture of chairs. Then it became replaced largely by oak, and much of our walnut was exported. With the European War, walnut came into great demand again for gunstocks, from which there is great waste; and the chair manufacturers began to utilize this by-product again in furniture. Even period lines are now made of walnut. With the war's use of mahogany for shipping purposes, it became difficult to get mahogany from Africa, Honduras and Mexico except at greatly increased prices, so that walnut with a mahogany stain has been very largely substituted for it.

The lumber used in chairs is sawed, then piled in yards to dry, usually for six or nine months. It is then shipped to the factory, where it is again piled until used—for three months if intended for bent stock: for six, nine or even twelve months if intended for seats, arms, or posts of square stock goods. Only clean straight-grained materials may be used. Of the four grades of lumber—Firsts and Seconds, No. 1 Common, No. 2 Common and No. 3 Common, only the first two are of use to the chair manufacturer; and of these the second is used most extensively. There is usually about 40 per cent waste of lumber in the manufacture of chairs.

There are about 150 chair factories in the United States.

Chair of American Patriotism.—An endowment established by a gift of $25,000 from Mayor Thompson, of Chicago, in May, 1917, to assist in the teaching of American patriotism in the Lincoln Memorial University (q. v.).

Chalmette's Plantation (La.), Battle of. —One of the battles near New Orleans. After the indecisive engagement at Villiere's plantation, Dec. 23, 1814, Sir Edward Pakenham joined the British army with reenforcements, which swelled the invading forces to 8,000. On the morning of the 28th, the British advanced to Chalmette's plantation exposed to the deadly fire of the *Louisiana*. Jackson awaited the movement with 4,000 men and 20 pieces of artillery. The British were led into the engagement in 2 columns under Generals Kean and Gibbs. After facing the heavy fire of the American sharpshooters for a short time, Sir Edward Pakenham ordered a retreat. The British loss in the engagement was about 150. The loss of the Americans was 9 killed and 8 wounded. One man on board the *Louisiana* was killed. More than 800 shots were hurled from her guns with deadly effect. One of them is known to have killed and wounded 15 men.

Chamber of Commerce of the United States.—A national organization formed at a commercial conference called by the President of the United States to meet in Washington, April 22 and 23, 1912. Its published purposes are to encourage and promote the organization of associations of business men in all parts of the country.

When debatable policies affecting our National commerce are advocated by the Federal authorities, there should be a recognized organization capable of expressing the business opinion of the entire country available for conference, alike to the executive and legislative branches of the Government. It is the purpose of the Chamber of Commerce of the United States of America to act in this capacity—not to originate legislation, nor to be unnecessarily critical of legislation proposed by others, but rather to assume that the National Government desires to act in harmony with the commercial interests of the country and will accept its co-operation in an endeavor to make all business legislation constructive.

Organization Membership.—Every commercial or manufacturers' association not organized for private purposes shall be eligible for membership in the Chamber. Such associations shall be of two classes. First—Local or State, commercial or business organizations whose chief purpose is the development of the commercial and industrial interests of a single state, city or locality. Second—Local, state, interstate or National organizations whose membership is confined to one trade, or group of trades.

Representation.—Each member of the Chamber of Commerce of the United States of America shall be entitled to one delegate and one vote for the first twenty-five members, and one delegate and one vote for each additional two hundred members in excess of twenty-five, but no member shall be entitled to more than ten delegates and ten votes.

Individual Membership.—Persons, firms and corporations who are members in good standing of any organization admitted to the Chamber are eligible for election as individual members. Individual members receive the regular publications of the Chamber and they may avail themselves of the facilities of the National headquarters; may attend all regular and special meetings of the Chamber and, subject to the rules of such meetings, may have the privilege of the floor, but they are not entitled to vote except as duly accredited delegates of organization members. Individual membership is limited to 5,000.

Chambers of Commerce, advantages of, discussed by President Wilson, 8036.

Chambers of Foreign Commerce, suggested, 7674.

Chambers, Talbot, court-martial of, referred to, 912.

Chamizal, arbitration with Mexico of boundary question—
Completed, 7780.
Not satisfactory, 7658.

Champion Hills (Miss.), Battle of.—Sherman was directed to remain at Jackson to destroy everything that could be of value to the Confederates. Grant himself turned toward the west. Pemberton, the Confederate general, with 25,000 men, had left Vicksburg hoping to cut off Grant from his supplies and form a junction with Johnston's forces. Learning the strength and position of the enemy, Grant ordered Sherman and McPherson to leave Jackson and hasten forward. May 16, 1863, Pemberton's army was encountered at Champion Hills, a precipitous, narrow, wooded ridge twenty-five miles west of Jackson and twenty miles east of Vicksburg. The Confederates were strongly posted, and it was necessary for the Federal troops to approach the position across open fields exposed to the fire of 10 batteries of artillery. Hovey's division and McPherson's corps, with the exception of Ramsey's division, which did not arrive till the battle was over, began the attack in front while Logan's division was working to the left and rear. The battle was hotly contested and the Confederates were driven back after they had sustained heavy loss. Grant's losses were 410 killed, 1,844 wounded, and 187 missing—total, 2,441. The Confederate losses were probably nearly the same, and in addition 2,000 prisoners.

Champlain, Lake. (See Lake Champlain.)

Chancellorsville (Va.), Battle of.—Jan. 26, 1863, Maj.-Gen. Joseph Hooker succeeded Maj.-Gen. Burnside in command of the Army of the Potomac. By April 1 that army was in excellent condition, numbering at the beginning of the new operations over 100,000 infantry, 10,000 artillery, 12,000 or 13,000 cavalry, and more than 400 guns. Gen. Lee was at Fredericksburg, Va., with 57,000 Confederates. April 28 (some authorities say the 29th) Hooker began a movement with Lee's left as his objective point. To cover his real design, however, he dispatched Gen. Stoneman with most of the cavalry on a raid to the rear of the Confederate army, stationed Gen. Sedgwick with 30,000 men opposite Fredericksburg, and moved with about 70,000 men toward the United States Ford, on the Rappahannock. By April 30 Hooker had crossed the Rappahannock with the main body of the army and established his headquarters at Chancellorsville, eleven miles west of Fredericksburg. The Confederate accounts say he then had with him 91,000 men. Lee had 48,000.

Fighting began May 2, the Fifth Corps advancing on the road to Fredericksburg and engaging a Confederate advance. The result was the recall of Hooker's advance and a better position for the Confederates. May 2 Lee detached "Stonewall" Jackson, with about 25,000 men, to attack the Eleventh Corps, under Gen. O. O. Howard, at the Federal right. The attack culminated in the evening with a panic in the Federal lines. "Stonewall" Jackson was mortally wounded during the night by the fire of his own men, who in the darkness mistook him for an enemy. The next day, May 3, the contest was renewed, nearly 14,000 troops under Lee having made a junction with the forces under Stuart, Jackson's immediate successor. It resulted in general Confederate success. Sedgwick in the meantime had crossed the Rappahannock, forced Early out of the Fredericksburg Heights, and threatened the Confederate rear at Chancellorsville. Lee, having defeated the greater wing of the Federal army and driven it away, reenforced on the 3d and 4th of May the troops in front of Sedgwick. The latter was pushed back and recrossed the river at night with a loss

of 5,000 men. Hooker also recrossed the river during the night of the 4th. According to Federal accounts their loss was 17,197, of whom 5,000 were prisoners; 13 guns and 20,000 muskets also fell into the hands of the Confederates. Lee's loss was about 13,000, including prisoners. The battle of Chancellorsville was probably the most important victory won and the greatest disaster sustained by the Confederates up to that period. They here defeated the splendid Union Army which attacked them; but the death of Lieut.-Gen. Jackson was a loss from which it was well-nigh impossible to recover.

Chantilly (Va.), Battle of.—Aug. 31, 1862, the day after the second battle of Bull Run, or Manassas, Lee sent Jackson northward for the purpose of turning Pope's right wing toward Washington. Pope's headquarters were at Centerville and he had been reenforced by Sumner's and Franklin's corps. Anticipating the movement of the Confederates, he disposed his forces in position to meet and frustrate it at Chantilly, just north of Centerville, on the evening of Sept.1, by the troops under McDowell, Hooker, and Kearny. In the engagement Generals Kearny and Stevens were killed. Pope was forced to fall back upon the works at Washington. Federal loss, 1,300; Confederate, 800.

Chaplain.—A preacher employed for the religious ceremonies in the Senate, the House of Representatives, and in the Army and Navy.

Chapultepec (Mexico), Battle of.—The reduction of El Molino del Rey and Casa de Mata by Gen. Scott's army left the City of Mexico still protected by the formidable citadel of Chapultepec. This was filled with troops and the approaches were guarded by mines. Sept. 12, 1847, a preliminary fire was opened on the outworks, and on the 13th a strategic assault was made and the walls scaled in the face of a terrible fire. The American force consisted of 7,180 men. Some 25,000 of Santa Anna's men were distributed between Churubusco and the City of Mexico and the causeways connecting them. Between Chapultepec and the City of Mexico proper were two causeways or elevated roads leading to the gates of Belen and San Cosmé. These were crossed under the enemy's fire and the divisions of Worth and Quitman entered the ancient seat of the Montezumas. During the fighting from Sept. 12 to 14 incident to the taking of Chapultepec and the occupation of the city the American loss was 62. The Mexican army, strongly fortified in the vicinity of its capital, numbering at first some 30,000, lost 10,743. Santa Anna, then President and commander in chief of the army, was a fugitive. The trophies included more than 20 colors and standards, 75 pieces of ordnance and 57 wall pieces, 20,000 small arms, and an immense quantity of ammunition. See illustration opposite 2115.)

Character of Individuals, the source of public welfare, 6973.

Charleston, S. C., foreign vessels at, referred to, 3192.

Charleston, S. C., Exposition, relations of U. S. Government to, 6675.

Charleston (S. C.), Surrender of.—After Sir Henry Clinton had learned of the failure of the attack on Savannah he sent an additional force of 8,500 men to the South under Maj.-Gen. Leslie. The main body of the American army was in winter quarters at Morristown, and reenforcements were sent from there to join Gen. Lincoln, who had command of the Southern army. The entire garrison at Charleston was less than 4,000 regulars and militia. March 20, 1780, the British squadron, having touched at Tybee Island, near Savannah, crossed the bar, and on April 9 passed Fort Moultrie, with a loss of 27 men, and anchored off Fort Johnson, which had been abandoned by the Americans. April 29 Admiral Arbuthnot, with 500 marines, forced the Americans to abandon L'Empries Point, with a loss of nearly 100 men, who were captured by the guard boats on the way to Charleston. May 4, 200 marines took Fort Moultrie, on Sullivans Island. May 12, 1780, Gen. Lincoln was compelled to surrender. The British casualties were 76 killed and 189 wounded. The American casualties were nearly the same; 5,618 men, which included all the male citizens of Charleston, were made prisoners, and 405 pieces of ordnance were captured.

Charlestown, Mass., docks constructed at, 985.
Site for, 934.

Charter.—A name commonly applied to grants of land or special privileges made by governments or individual rulers to companies or bodies of men for a term of years. In American law a charter is a written grant from the sovereign power conferring rights or privileges upon a municipality or other corporation. The term is generally applied to the statute, letters patent, or articles of association sanctioned by statute creating a corporation, as a city, college, stock company, benevolent society, or social club. During the early settlement of America European potentiates, claiming sovereignty by right of discovery, issued charters granting land for purposes of colonization. The principal charters granted for this purpose were those of the Virginia Company, 1606, 1609, and 1612; Plymouth, 1620; Massachusetts Bay, 1629; Providence Plantations, 1644; Connecticut, 1662; Rhode Island and Providence Plantations, 1663; Massachusetts, 1691, and Georgia, 1732. The same sort of charters were given to the Dutch West India Company by the States-General of the United Netherlands in 1621 and to the Swedish Company by Gustavus Adolphus in 1624.

Charter Oak.—A tree celebrated in American legend. According to tradition, in 1687 Edmund Andros, the colonial governor of Connecticut, demanded the return of the charter of the Colony. During a meeting held to deliberate upon the action to be taken the lights were suddenly extinguished. When they were relighted the charter was missing. It was said that Capt. Wadsworth prevented the confiscation of the charter by secreting it in the hollow of an oak tree near Hartford. The tree was long held in great veneration. Aug. 20, 1856, it was overthrown by a gale.

Charters, Federal, for Corporations, 7079, 8771, 8816.

Chasta Indians. (See Indian Tribes.)

Château-Thierry, American victory at, 8638, 8729. (See also World War.)

Chattanooga (Tenn.), Battle of. (See Missionary Ridge.)

Chauvinism.—An unreasoning, exaggerated enthusiasm for war. (See Militarism.)

Chauvinist.—One addicted to chauvinism (q. v.).

Chayenne Indians. (See Indian Tribes.)

Checks, Reciprocal, policy of, is necessary, 211.

Chehalis Reservation, Wash., allotment of lands in severalty to Indians on, referred to, 4779.

Chemicals.—The chemical industry of the United States is but little more than 100 years old, and ranks fourth among the manufacturing businesses. No chemicals were made here before the Revolution. In 1810 copperas was made in Vermont and Maryland, and the latter state produced alum in 1813. The manufacture of chemicals, paints and medicines began in Baltimore in 1816.

Chemical manufacture, as such, can hardly be said to have existed until the continuously working chamber process for sulphuric acid was introduced, about 1810, while the Leblanc soda process, although discovered by him in 1789, failed to get a footing until 1814, when it was introduced into England by Losh. Now we find this great discovery approaching extinction through the contact process.

By 1830 the industry was firmly established in the United States, Philadelphia being the center. There were thirty firms doing business throughout the entire country, with a capital of $1,158,000, producing articles valued at $1,000,000. The list of articles included acetate and nitrate of lead, acetic and oxalic acids, alum, ammonia, aqua fortis, bichromate of potash, borax, camphor, copperas, chrome yellow, chrome green, Glauber's and Rochelle salts, muriatic and nitric acids, oil of vitriol, Prussian blue, prussiate of potash, saltpetre, sulphate of quinine, tartar emetic, tartaric acid and compounds of these.

The chemical industry is divided for purposes of analysis by the Census Bureau into twelve groups as follows: I—Acids, except sulphuric, nitric, and mixed acids, and such as are made by establishments in the wood distillation industry. II—Sodas. III—Potashes. IV—Alums. V—Coal-tar products. VI—Cyanides. VII—Bleaching materials. VIII—Electro-chemicals (substances produced by the aid of electricity, including metals and alloys produced by electrolytic or electrometallurgic processes. IX—Plastics. X—Compressed or liquefied gases. XI—Fine chemicals. XII—Chemicals not otherwise specified.

Besides the exceptions noted in the first group, this classification excludes alcohol, dye stuffs, fertilizers, explosives, oils, paints and others which are considered under appropriate headings. The number of establishments in these twelve groups in 1914 was given as 396. The capital invested was $224,345,921 and 37,881 persons were engaged in the industry, extracting therefrom in salaries and wages, $31,086,915. The total value of the products was placed at $158,053,602.

New York, New Jersey and Pennsylvania are the leading states in the industry.

Of the establishments, 44 were owned by individuals, 325 by corporations and 26 by other forms of ownership. Eleven per cent of the establishments produced goods valued annually at more than $1,000,000; 37 per cent, at between $100,000 and $1,000,000; and 26 per cent at between $20,000 and $100,000.

The value of the products of the twelve groups described above in 1914 was as follows: I—$30,516,569; II—$23,632,704; III—$4,094,927; IV—$3,467,969; V—$8,839,506; VI—$2,398,674; VII—$5,302,359; VIII—$29,661,949; IX—$13,895,784; X—$7,624,884; XI—$10,983,017; XII—$47,597,084.

The production of sulphuric acid is a matter of the greatest importance, as it is not only the foundation of the inorganic heavy-chemical industry and is used for many other purposes, but also has lately become a most important material in the organic dye-stuff industry, especially in the production of alizarine colors and of synthetic indigo.

The first manufacturer of sulphuric acid in the United States appears to have been John Harrison, of Philadelphia, who, in 1793, had a lead chamber capable of producing 300 carboys of acid per annum. The business proved very profitable, acid selling as high as 15c. per pound. Powers & Weightman began making sulphuric acid in Philadelphia in 1825, and the Lennig plant, erected in 1829, is said to have been so successful that the then existing New York Chemical Company went into liquidation and put the funds realized therefrom into a banking company, now widely known as the Chemical National Bank.

Nitric acid was manufactured in Philadelphia in 1834 by Carter & Scattergood. The most notable recent advance made in its manufacture is in the form of apparatus employed, which is due to Edward Hart and Oscar Guttman. It is used in the manufacture of nitrates, like silver nitrate, or nitrites, like sodium nitrite; in making "mixed acids" and aqua regia, gun cotton, nitroglycerine, as an oxydizing agent and for etching on metals.

Sulphuric acid ranks first in importance among manufactured chemicals, followed closely by artificial fertilizers. Paints and dyes come next. The conduct of the industry depends more upon skill and knowledge than any other industry, and the growth is so rapid that the skilled worker of twenty years ago would be useless to-day.

Among the manufactures depending upon the chemical industry are the following: cotton, woolen and silk fabrics, oil cloth, paint, glucose, fertilizers, soap, glass, paper, ink, explosives, pyroxylin, electrical, pyrotechnic, pharmaceutic, tanning, oil and sugar refining, artificial ice, bleaching works and the reduction of metals.

Merchandising of many chemicals is handicapped by our inability to compete with the low wages of some foreign countries; but, on the other hand, through natural advantages not enjoyed by foreign manufacturers, considerable exportation of certain chemicals is going on at all times.

For the manufacture of chemicals and allied industries, the census of 1914 reported 2,461 establishments employing 111,458 persons, paying annually in wages and salaries $89,653,331, representing a capital of $722,988,871, and producing products valued at $547,801,937 annually, of which $340,216,702 represents the cost of materials.

In this group is included chemicals; sulphuric, nitric, and mixed acids; fertilizers; paints and varnish; explosives; dyestuffs and extracts; wood distillation, exclusive of rosin and turpentine; essential oils; and bone, carbon and lamp black.

There are 784 establishments producing fertilizers, employing 28,301 persons, representing a capital of $35,233,806, paying

annually in wages $3,082,747, and producing annually products valued at $153,196,152, of which $107,954,644 represents cost of materials. The leading state in the industry is Georgia, followed by Maryland, South Carolina, Virginia, New Jersey, Alabama, and North Carolina.

Chemical Industry, protection urged for, 8718, 8813.

Chemistry, Bureau of, Agriculture Department.—A bureau of the Agriculture Department devoted to the inspection of foods and drugs imported or entering interstate commerce. It makes analyses for the department, and tests supplies for other departments. It makes studies in agricultural chemistry; bacteriology and physiology, especially with food, drugs, waters, paper, leather, foodstuffs, insecticides and fungicides; enology and methods of analysis. The bureau especially studies the chemical problems of agriculture relating to soils, fertilizers and irrigation waters.

The Bureau of Chemistry, among its other activities, has studied the composition of thousands of materials used in the home and many processes for converting the raw materials of agriculture into finished products. One has but to remember its extended studies of sugar, of bread and breadstuffs, of commercial food products, etc., to realize how closely the results concern the home. The same could be said of its studies of fruits and their preservation, of storage and its relation to quality and of the extended activities which have resulted in the establishment of food standards and the carrying out of the provisions of the national pure food law. It is through this bureau that the department administers the Food and Drugs act. Samples are collected, analyses are conducted, and hearings are held by this bureau. A compliance with department decisions is secured in many cases without resort to the courts. (See Agriculture, Department of.)

Chemulpo, Korea, agreement respecting foreign settlement at, 5391.

Cherokee Case.—The Indian tribes known as the "Creeks" and the "Cherokees" possessed large tracts of land in what are now the States of Georgia and North Carolina, and the territory to the west of them. From time to time treaties had been made with these Indians by which much of this land had been ceded to the United States. Among these were the Hopewell treaty of 1785 and the Holston treaty of 1791; the first of these instruments had, among other things, recognized the Cherokees as a nation possessing its own laws and all the other attributes of nationality; the second had guaranteed to them all lands not thereby ceded. When Georgia in 1802 ceded her western territory to the United States, the latter agreed to extinguish Indian titles to lands in the state proper as soon as it could peaceably and reasonably be done; but the Cherokees could not be induced to surrender their lands. The state therefore claimed the right to extend its own laws over all its territory, and passed acts depriving the Cherokees of their courts and other machinery of government; these were followed by acts dividing the Cherokee land into counties, and after allotting 160 acres to each head of a Cherokee family, providing for the distribution of the remainder by lot among the people of the state. Notwithstanding the treaties, President Jackson took the ground that as the state was sovereign the United States could not interfere. The question now came up before the United States Supreme Court in the following way. A Cherokee named Tassels was sentenced to be hanged, under the laws of Georgia, for killing another Indian on the Cherokee lands. The United States Supreme Court granted a writ of error requiring the state to show cause why the case should not go to the Cherokee courts. This writ was disregarded, and the Indian was hung. There the matter was dropped. Again, two missionaries were convicted of entering the Cherokee territory without having complied with certain requirements demanded by Georgia enactments regarding these lands. Their case was carried to the United States Supreme Court on a writ of error, and the judgment of the court held the provisions of our Indian treaties as paramount to the state laws. But the decision was never enforced. Jackson is reported to have said: "Well, John Marshall (the Chief Justice) has made his decision; now let him enforce it." The Cherokee case is important as the first instance of successful nullification of United States laws by a state. The Indians were finally persuaded to move to the Indian Territory, and by 1838 the last had left the state.

Cherokee Commission:
- Agreement with—
  - Cherokee Indians, 5671.
  - Cheyenne and Arapahoe Indians, 5565.
  - Comanche, Kiowa, and Apache Indians, 5768.
  - Indians of Pyramid Lake Reservation, Nev., 5649.
  - Iowa Indians, 5508, 5512. Proclaimed, 5591.
  - Kickapoo Indians, 5638, 5649.
  - Pawnee Indians, 5768.
  - Pottawatomie and Absentee Shawnee Indians, 5514. Proclaimed, 5591.
  - Sac and Fox Indians, 5508, 5510. Proclaimed, 5591.
  - Shoshone and Arapahoe Indians, 5649.
  - Tonkawa Indians, 5638, 5649.
  - Wichita, Caddo, etc., Indians, memorial regarding, 5671.
  - Wichita Indians, 5638, 5648.
- Appointed and discussed, 5481, 5506, 5508, 5638.
- Lands acquired by, opened to settlement. (See Lands, Public, opened.)

Cherokee Indians. (See Indian Tribes.)

Cherokee Outlet:
- Cession of, to United States, agreements and propositions regarding, discussed, 5481, 5638, 5760.
- Claims of Indians regarding, discussed, 5667.
- Contracts and leases for grazing on, proclaimed null and void, 5532.
  - Time for removal of stock extended by proclamation, 5534.
- Fraudulent occupation of, discussed, 5886.
- Opened to settlement by proclamation, 5838.
  - Form of declaration required, 5856.

Cherokee Strip. (See Cherokee Outlet.)

Cherry Valley (N. Y.), Massacre.—Nov. 11, 1778, during a blinding storm of snow and rain, about 800 Indians and Tories surprised the force of Colonial troops under Col. Ichabod Alden at Cherry Valley and massacred 43 persons, including women and children, took some 49 prisoners, burned all the buildings, and drove away the live stock.

Chesapeake, The.—June 22, 1807, as the U. S. S. *Chesapeake* was leaving Hampton Roads, Va., a lieutenant of the British ship *Leopard* boarded her and demanded the return of three negro deserters who had escaped from the British man-of-war *Melampus* and enlisted on the *Chesapeake*. The Government had previously refused the demand of the British admiral for the return of the deserters. Commodore Barron accordingly refused to deliver the men. The officer of the *Leopard* then returned to his ship, which immediately opened fire on the *Chesapeake*. The latter vessel, being entirely unprepared for battle, was forced to surrender without firing a gun (414). President Jefferson at once issued a proclamation (410) and demanded a disavowal of the act, a restoration of the captured men, and the recall of Admiral Berkeley. Only tardy reparation was made for the affair (481), and it served to embitter American opinion against the British and hastened the War of 1812.

Chesapeake, The, attacked by British ship *Leopard*, 410, 414, 420, 454, 460.
- Captured by the Shannon. (See illustration opposite 529.)
- Claims of Peter Shackerly growing out of, 1687.
- Indemnity for, demanded, 433, 441.
  - Paid, 481.
  - Referred to, 463.

Chesapeake and Delaware Canal Co., shares in, taken by United States, 870.

Chesapeake and Ohio Canal:
- Cession of Government interests in, to Maryland considered, 1776.
- Incorporation of, referred to, 852.
- Legislative acts of Virginia respecting, transmitted, 1037.
- Propriety of constructing, discussed, 785.
- Subscriptions for, commissioners appointed to receive, 873.

Chesapeake Bay, canal from Delaware River to. (See Chesapeake and Delaware Canal Co.)

Cheyenne and Arapahoe Reservation, Ind. T.:
- Deed for release of lands in, by Choctaws and Chickasaws, discussed, 5637, 5664, 5761.
- Opened to settlement by proclamation, 5710.
  - Appropriations for, recommended, 5638.
- Unauthorized occupancy of, proclamation against, 4892.

Cheyenne Indians. (See Indian Tribes.)

Chicago:
- Convention at, on subject of diseases of cattle, 4771.
- Fire in, referred to, 4108, 4138.
- Government buildings in, destroyed by fire, discussed and recommendations regarding, 4108.
- International military encampment to be held at, foreign guests not to pay duties on baggage, 5164.
- Memorial of convention at, in respect to enlarging water communication between Mississippi River and Atlantic Ocean, 3388.
- Proclamation granting privileges of other ports to, 2859.
- Unlawful combinations in, proclamation against, 5931.
- World's Columbian Exposition at—
  - Board of management of Government exhibits designated, 5833.
  - Chinese artisans, admission of, temporarily to, recommended, 5622.
  - Military encampment to be held during, discussed, 5458.
  - Proclamation regarding opening of, 5575.
  - Proposition to observe four-hundredth anniversary of discovery of America, discussed, 5487.
  - Referred to, 2040.
  - Reports of—
    - Deposited in State Department, 6181.
    - Discussed and recommendations regarding, 5567, 5669, 5765, 5769, 6184.
  - Resolution of International American Conference regarding, 77.

Chicago Fire referred to, 4108, 4138.

Chicago Fire.—Oct. 8, 9, and 10, 1871, the City of Chicago, Ill., was visited by the most disastrous fire of modern times. Two thousand one hundred acres of the city, the greater portion of which was covered by costly stores and other business houses, were burned over. The loss was nearly $200,000,000. (See illustration opposite 4104.)

Chicago Indian Massacre.—At the outbreak of the War of 1812 Capt. Nathan Heald commanded fifty men at Fort Dearborn, where now stands the city of Chicago. Ordered by Gen. Hull to abandon the fort and join him at Detroit, Capt. Heald's party were waylaid by Indians on Aug. 15, 1812, among the sand hills along the lake shore. The greater part of them, including twelve children, were massacred and their scalps sold to Col. Proctor, who had offered a premium for American scalps.

Chicago, Milwaukee and St. Paul Railway, agreement with Indians for right of way for, 4780, 4788, 4954, 5178.
- Lands granted to, for right of way declared forfeited, 5944.
- Proclaimed, 5529.

Chicago Riots, proclamation regarding, 5931.

Chicago Strike, report of commission on, transmitted, 5988.

Chicago, Texas and Mexican Central Railway, application of, for right of way across Indian Territory, 4653.

Chickahominy (Va.), Battle of. (See Cold Harbor, Battle of; Gaines Mill, Battle of.)

Chickamauga (Ga.), Battle of.—After the battle of Stone River, or Murfreesboro, Jan. 2, 1863, Bragg retreated to Shelbyville, and then to Tullahoma, Tenn. June 24 Rosecrans advanced from Murfreesboro and gradually forced Bragg to evacuate middle Tennessee and cross Tennessee River to Chattanooga. Aug. 19 Rosecrans's army in 3 corps, under Generals George H. Thomas, Alexander McD. McCook, and Thomas L. Crittenden, made an advance through the Cumberland Mountains. Sept. 7 and 8 the Confederates retired from Chattanooga, Tenn., to Lafayette, Ga. Longstreet having arrived from Virginia with reenforcements for Bragg, Rosecrans concentrated his army near Lee & Gordon's Mill on Chickamauga Creek, a tributary of the Tennessee. On the evening of Sept. 18 the two armies were on opposite sides of Chickamauga Creek.

Rosecrans's army numbered between 55,000 and 60,000 men; Bragg's army about 50,000. Bragg crossed the creek with a portion of his army during the night, and on the morning of the 19th Gen. Polk in command of the Confederate right wing, attacked the Federal left under Thomas. The battle continued all day without definite results. On the morning of the 20th the Confederates renewed the attack. Longstreet penetrated the center of the Federal line and separated Rosecrans, McCook, and Crittenden from the rest of the army, and the brunt of the battle fell upon Thomas. The Federals retreated at night to Rossville, and on the night of the 21st to Chattanooga. The Federal losses in the battle were 1,687 killed, 9,394 wounded, and 5,255 missing; total, 16,336. The Confederate loss was 18,000.

Chickamauga and Chattanooga National Military Park discussed, 5879.

Chickamauga Indians. (See Indian Tribes.)

Chickasaw Case.—Through the efforts of Northern people in organizing vigilance committees to prevent kidnapping of free colored persons on the charge of being fugitive slaves, a writ of *habeas corpus* was served upon the captain of the brig *Chickasaw* demanding the delivery of two colored women whom, it was charged, he intended to carry South. On exhibiting their free papers the women were liberated.

Chickasaw Indians. (See Indian Tribes.)

Chief Clerk, Department of State.—The chief clerk was the only other officer authorized in the State Department when that department was placed in charge of a secretary of state in 1789. His salary at that time was $800 yearly, which has been increased until it has reached the present figures of $3,000. The chief clerk is under the supervision of the assistant secretary of state, whose own office is a development from the office of the chief clerk in the early days of the Department. The Chief Clerk's Bureau was established by act of Congress in 1870, and has charge of the details of the administration within the department, including the translations, printing office, lithographing, and mail room. (See State Department.)

Chief Magistrate. (See President of United States.)

Chief of Bureau of Insular Affairs. (See Insular Affairs, Bureau of.)

Chief of Engineers. (See War Department, heading Engineer Corps; also Army.)

Chief of Ordnance. (See War Department, heading Ordnance Department; also Army.)

Chief of Staff. (See item under General Staff in article War Department): Control over War Department vested in, in absence of Secretary and Assistant Secretary of War, 8362.

Chief Signal Officer. (See Signal Corps heading under War Department.)

Chief Signal Officer of Army, printing of report of, recommended, 4658, 4737, 4778.

Child Labor.—With the introduction of machinery which requires but slight attention and no highly skilled operatives came the employment of children in factories. The invention of spinning machinery in England and the cotton gin in America, transferred the field of youthful industry from the cottage home and farmhouse to crowded mills and shops and factories. Competition between manufacturers gradually resulted in increasing the tasks and lengthening the hours of employment of children, until the Government came to the rescue.

As long ago as 1784 the magistrates of Lancashire, England, found it necessary to pass a resolution that apprentices should no longer "work in the night or more than ten hours in the day." Subsequent legislation culminated in the present code of factory supervision in England, which dates from 1878. It prohibits the employment of children under ten, and those under fourteen may only be employed half time. Night work is forbidden and children under sixteen must furnish medical certificates of fitness for employment, and weekly certificate showing a certain amount of school attendance.

In European countries the regulation of child labor is the duty of the central government, while in America it comes within the jurisdiction of the several states. No two of these states have the same code of laws or collect similar statistics on the subject of child labor, and its existence has been shown to be a monstrous evil in some of them.

For this reason President Roosevelt, in his sixth annual message to Congress, Dec. 3, 1906, recommended the enactment of a model child labor law for the District of Columbia, which should be a guide to those states which wished to legislate against the evil (pages 7036, 7090, 7189, 7342). Accordingly, Congress passed such a law May 28, 1908. It had been contended that Washington not being a manufacturing city no child labor existed in the District of Columbia. By Nov. 1, 8,000 applications under the new law had been received, 3,500

of which were denied on account of age or education.

In 1910, there were 1,990,225 children at work between the ages of 10 and 15, or more than 1 in 6 of the total number of children between those ages. Of this number, 895,976, almost one-half, were under 14. This number represents an increase of more than 100,000 over the figures of 1900, but the increase is represented chiefly in agriculture, and in other forms of industry, the figures have decreased from 186,358 in 1910 to 95,839 at the present time. In comparison with their population, the southern states employ the greatest amount of child labor, and the New England states the least. It is significant that where child labor is most prevalent, the rate of illiteracy is highest.

In 1919, the following states had a limit of 14 years of age without exemption upon child labor in factories and canneries:—Alabama, Arizona, Arkansas, Connecticut, Florida, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Michigan (15 years old limit; 14 in canneries); Minnesota, Missouri, Montana (16 years old limit), Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio (16 for girls and 15 for boys), Oklahoma, Pennsylvania, Rhode Island, South Carolina, Vermont, and Wisconsin.

All the above states prohibited night work for children in factories and canneries except Maine; and California, Delaware, District of Columbia, Idaho, Indiana, North Carolina, Oregon, Tennessee, and Washington follow their example.

The following states enforce an eight-hour day for children under 16 in factories and canneries: Arizona, Arkansas, California, District of Columbia, Illinois, Iowa, Kansas, Kentucky, Massachusetts, Minnesota, Mississippi, Nebraska, Nevada, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, Tennessee, Vermont, and Wisconsin.

Montana forbids the employment of children under 16 in factories.

The following states place a limit of 16 years of age upon work in mines and quarries: Alabama, Arizona, Arkansas, California, Connecticut, Kentucky, Maryland, Nevada, New Jersey, Ohio, Oklahoma, Tennessee, Texas, Wisconsin, and Vermont.

A 16 year old limit is placed upon work in mines only by the following states:—Colorado, Illinois, Montana, Pennsylvania, Washington.

The following states have a 14 years of age limit upon work in factories and canneries, with exceptions to the rule provided for as noted: During the weekly school holiday, California; during vacation, California, Colorado, Idaho; in cases of extreme poverty, District of Columbia, Georgia, South Dakota, Washington; in work in canneries, Delaware, Indiana, Maryland, Tennessee, Virginia; by special permit, Virginia, West Virginia, and Nevada; in Mississippi, the 14 year old limit applies only to girls in cotton and knitting mills; Texas limits the age to above 15 to those working in establishments using dangerous machinery; in Utah, the provision is applicable only to establishments manufacturing tobacco goods or goods for immoral purposes; and Vermont places an exemption upon establishments employing less than 10 persons.

To the prohibition of children under 16 working in factories at night, the following states make exemption as follows: During vacation, Colorado; by special permit, Colorado and Virginia; in perishable products, Maine; in canneries, Tennessee and Virginia; in cotton and knitting mills, Mississippi.

To the enforcement of the eight-hour day for children under 16, the following states make exemptions: In vacation, Colorado; by special permit, Colorado; by consent of parents, Indiana; in cotton and knitting mills, Mississippi. In Washington, the law applies only to girls.

To the general 16 year old limit, the following states place these exemptions: In vacations, Iowa and West Virginia; in Vermont, after school and after graduation from the grammar school.

The following states place no 14 years of age limit upon child labor: New Mexico, North Carolina, Oregon.

The following states place no 16 years of age limit upon night work in factories: Georgia, Maryland, New Mexico, South Dakota, Texas, Utah, West Virginia, Wyoming.

The following states have no provision for an eight-hour day for children under 16: Alabama, Connecticut, Delaware, Florida, Georgia, Idaho, Louisiana, Maine, Michigan, New Hampshire, New Mexico, North Carolina, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Virginia, West Virginia, Wyoming.

The following states have no 16 year old limit to work in mines and quarries: Delaware, District of Columbia, Florida, Georgia, Indiana, Idaho, Kansas, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Oregon, Rhode Island, South Carolina, South Dakota, Virginia, Utah, West Virginia, Wyoming.

The following states place a 21 year old limit upon night messenger boys: Arizona, Kentucky, Massachusetts, New Jersey (in cities of the first class), New York, Pennsylvania, Rhode Island, Utah, Wisconsin.

The following states place an 18 year old limit upon night messenger service: Alabama, Arkansas, California, Delaware, Florida, Iowa, Maryland, Michigan, Minnesota, Nevada, New Jersey (in cities below those of the first class), New Hampshire, Ohio, Oregon, South Carolina, Tennessee, Virginia, Washington.

Counting the number of children under 16 doing work as wards of the various states; as sellers of newspapers, chewing gum, etc.; as domestic servants, whole time or part time; and those engaged after school hours and on farms, it is believed that there are almost 2,000,000 children under the age of 16 employed in the United States. The participation of the United States in the World War, with the consequent demand for super-production, however obtained, broke down many of the guards against child labor which the various states had set up, after the decision of the United States Supreme Court that the Federal Child Labor Law (see below) was unconstitutional. The imposition of a special tax on articles manufactured in violation of the unconstitutional law was of some service in hindering the return to child labor.

For other attempts to limit child labor by national legislation, see Child Labor Law, *below.*

Child Labor Law.—The 64th Congress passed, and President Wilson signed, Sept. 1, 1916, a law forbidding the shipment from

one state to another of articles made by the labor of children. This as far as the authority of the federal government extends under the Constitution. This law provides that no producer, manufacturer, or dealer shall ship or deliver for shipment in interstate or foreign commerce any article or commodity the product of any mine or quarry, situated in the United States, in which within thirty days prior to the time of the removal of such product therefrom children under the age of 16 years have been employed or permitted to work, or any article or commodity the product of any mill, cannery, workshop, factory, or manufacturing establishment, situated in the United States, in which within thirty days prior to the removal of such product therefrom children under the age of 14 years have been employed or permitted to work, or children between the ages of 14 years and 16 years have been employed or permitted to work more than eight hours in any day, or more than six days in any week, or after the hour of 7 o'clock postmeridian, or before the hour of 6 o'clock antemeridian.

On June 3, 1918, the United States Supreme Court, by a vote of 5 to 4, declared the law unconstitutional. The majority based its opinion chiefly on the right of any state to determine the conditions of production within its own borders and denied that the authority given the Federal government to regulate interstate commerce could be lawfully used to regulate conditions of production. The minority claimed that the Constitution did not intend that the will of individual states should be used to thwart a general demand for a reform of great social value to the nation as a whole.

Child Labor:
- Investigation of conditions urged, 6898, 6983, 7035.
- Prohibition of, throughout the nation, 7342.
- Prevention of, urged by President—
  - Roosevelt, 7342.
  - Wilson, 8714.

Child Labor Law:
- Model, for District of Columbia, 7036, 7090, 7342.
- Probable enactment of, 7189.
- Referred to, 8817.

Children, Dependent, conference on care of, 7358.

Children's Bureau.—The Children's Bureau of the Department of Labor was created by Congress in 1912 to investigate and report upon all matters pertaining to the welfare of children and child-life among all classes of our people, and especially to investigate the questions of infant mortality, the birth rate, orphanage, juvenile courts, desertion, dangerous occupations, accidents and diseased children, employment and legislation affecting children in the several states and territories. The functions of the bureau are thus largely investigative. It has no power to administer anything or to regulate anything, and the act creating the bureau stipulates that "no official, or agent, or representative of said bureau shall, over the objection of the head of the family, enter any house used exclusively as a family residence." It is to serve as a centre to which people can turn for definite information regarding child welfare movements, so that every individual or organization working for children can learn of and profit from the experience of others.

The bureau has been in active operation since August. 23, 1912. It has already published, in addition to a brief circular containing the law establishing the bureau and a statement of its scope and plans, a monograph entitled "Birth Registration an Aid in Protecting the Lives and Rights of Children. Necessity for Extending the Registration Area," a pamphlet "Baby-Saving Campaigns. What Some American Cities are Doing to Prevent Infant Mortality," and a monograph called "Prenatal Care," designed for the use of the expectant mother.

A recent report of the Bureau shows that it has continued its studies and investigations into the question of infant mortality. Its findings are along the line that the death rate of young children varies according to the earnings in families, the housing conditions, the size of the families, and the extent of outside work done by the mother.

In Montclair, N. J., largely a residential city occupied by the middle-class, the death rate for children under one year of age was less than half the death rate found in working-class families in Johnstown, Pa.

In Manchester, the death rate of children under one year of age was 1 in 4 where the fathers earned less than $450 annually; 1 in 6 where the earnings were $450-859; 1 in 8 where the earnings were $850-1049; and 1 in 16 where the father's annual earnings were above $1050.

The average death rate in the United States of children under one year of age has been proved by the findings of the bureau to be about 1 in 8. Where two or more persons live in a room, the rate is about twice as high as the rate where the ratio of persons to rooms is 1 or less than 1. In single family houses, the death rate is 86.1 per thousand. In tenements inhabited by more than 6 families, the death rate is 236.6 per thousand.

A feature of the work of the Children's Bureau is the celebration known as Baby Week. In the Baby Week for 1916, celebrations were held in 2083 places, and more than 2,000 other localities requested pamphlets and information of a nature which would indicate that they, too, held exercises in furtherance of the work of helping babies to grow up strong and well. Baby Week consists of all manner of meetings, parades, contests, exhibits, and distribution of information calculated to make more general the knowledge of the proper treatment of babies. Particular attention is given to the task of informing mothers of the essentials of child hygiene who do not seem to have been enabled to acquire such knowledge themselves. Frequently, Better Baby Contests are held, in which babies are rated according to their physical equipment for life, the examination of babies incident thereto giving the doctors and nurses in attendance the opportunity to diagnose any ailments which the babies might have and to give their mothers advice and assistance in the task of rearing them successfully.

Chile.—Chile extends down the western coast of South America from the Rio Sama to Cape Horn, and is bounded on the north by Peru and on the east by Bolivia and Argentina. It lies between 18° 28′-56° 35′ South latitude and 66° 30′-75° 40′ West longitude, with a coast line of 2,485 miles, an extreme length of 2,800 miles, and an average breadth (north of 41°) of 100 miles.

Physical Features.—The great chain of the Andes runs along its eastern limit, with a general elevation of 5,000 to 10,000 feet above the level of the sea; but numerous summits attain the height of 18,000 feet—the highest, Aconcagua, an extinct volcano, being 22,422 feet. The chain, however, lowers considerably toward its southern extremity. There are no rivers of great size.

AREA AND POPULATION

Provinces	*Sq. Miles*	*Population*
Aconcagua	5,406	131,354
Antofagasta	46,408	205,662
Arauco	2,189	73,260
Atacama	30,711	63,893
Bío-Bío	5,353	105,620
Cautin	6,381	161,477
Chiloé	6,979	97,941
Colchagua	3,851	162,966
Concepción	3,313	265,362
Coquimbo	14,098	189,507
Curicó	3,045	114,671
Linares	3,969	125,821
Llanquihué	34,778	148,214
Magallanes Terr.	65,355	30,623
Malleco	3,303	133,212
Maule	2,812	110,288
Nuble	3,498	195,302
O'Higgins	2,168	120,750
Santiago	5,893	616,316
Tacna	8,999	38,128
Tarapacá	16,689	132,661
Valdivia	8,991	178,589
Valparaiso	1,775	340,347
Totals	289,829	3,870,002

Of the above provinces, Tarapacá and Tacna were ceded by Peru in 1884, with the understanding that after ten years a plebiscite would determine their final disposition, but the plebiscite has not yet been taken.

Ethnology.—There are four distinct elements in the racial divisions: the Spanish settlers and their descendants; the indigenous Auracanian Indians, Fuegians, and Changos; mixed Spanish Indians; European immigrants. The latter were represented in 1910 by 20,000 Spaniards, 15,000 Italians, 11,000 Germans, 10,000 British, and 10,000 French. Spanish is the language of the country, and the State religion is Roman Catholic.

History.—It was invaded by the Spanish under Almagro in 1535, and was first settled by Valdivia at Santiago, in 1541. Independence was proclaimed in 1818, though the last stronghold of the Spaniards was not taken until 1826. After gaining its independence Chile made extensive conquests in Patagonia and that country was finally divided between Chile and Argentina with the Andes as the boundary. Wars with Peru and Bolivia from 1879-1883 extended the northern boundaries. Chile has enjoyed greater tranquility, both internal and external, than the majority of South American Republics, but in 1902 the quiet was interrupted by a violent dispute with Argentina over the size and armament of their respective navies. The dispute was satisfactorily settled in 1903 by treaty. (See Argentina.)

Government.—The Constitution rests on the fundamental law of May 25, 1833, and is that of a democratic Republic. The Government (despite a fierce civil war of 1890-91) is far the most stable in South America. The President is elected by indirect vote for five years, the election being held on June 25 and the inauguration on September 18, the anniversary of the Declaration of Independence (1810). The President is ineligible for a succeeding term of office.

There is a Council of State of eleven members (five appointed by the President and six chosen by Congress). There is also a Cabinet, with six secretaries in charge of departments.

The National Congress consists of a Senate and a Chamber of Deputies. The Senate of thirty-seven members (one for every three members of the Chamber) is elected by direct vote of the people for six years. The Chamber of Deputies of 108 members (one per 30,000 inhabitants of each Department, with a minimum fraction of 15,000) is elected by direct vote for three years. There is universal adult male suffrage at twenty-one for those who can read and write.

There is a High Court of Justice at Santiago (with a President elected annually) and Courts of Appeal at Concepción, Santiago, Serena, Tacna, Talca, Valdivia, and Valparaiso. There are Courts of First Instance throughout the country and District Courts subordinate to the High Court at the capital.

The Provinces are governed by Intendentes under whom are Gobernadores for Departments of each Province and for the Magallanes Territory. The municipalities have popularly elected triennial councils. The police are a national force financed by the Treasury and the Municipalities.

Army.—By law of 1900 all able-bodied male citizens from 18th to 45th year are obliged to serve in the Militia. For the Chilean army see Armies of the World; for navy see Navies of the World.

Primary education is free, but it is not compulsory, and reading and writing are the qualifications for adult male suffrage. There is a State University and a Roman Catholic university at Santiago. The National Library at the capital contains more than 200,000 volumes. Latest figures show 2,927 public schools, with 342,000 pupils and 6,365 teachers. There were some 25,000 pupils in other schools.

About 35 per cent of the population is illiterate.

There are some 400 newspapers and magazines published in Chile.

The Roman Catholic religion is maintained by the state.

Production and Industry.—Agriculture and mining are the principal occupations of the people. The central belt enjoys a moderate rainfall, and wheat, maize, barley, oats, beans, peas, lentils, wines, tobacco, ax, hemp, Chile pepper, and potatoes are grown extensively; the vine and all European fruit-trees flourish. In the south the rainfall is excessive and the mountains are covered with dense forests. The mineral wealth is considerable, the country being extremely rich in copper-ore, and some rich gold mines have been discovered. The rainless north yields more, especially nitrate of soda, iodine, borate of soda, gold and silver, a large number of mines yielding both being in actual work in Tarapacá, Guanaco, and Cachinal in Atacama, and Caracoles in Antofagasta; the centre, copper and silver; and the south, iron and coal.

There are smelting works for copper and silver, tanneries, corn and saw mills, starch, soap, biscuit, rope, cloth, cheese, furniture, candle, and paper factories,

breweries and distilleries, and the domestic industry furnishes cloth, embroideries, baskets, and pottery.

In 1912, less than 2 per cent of the total area of the country was under cultivation.

In 1915, the production of wheat was 5,171,545 metric quintals; of oats, 1,031,230; of barley, 816,441; of beans, 510,668; of corn, 462,819; and of potatoes, 2,580,491.

Latest figures show the annual production of the leading crops as follows: Wheat, 10,225,000 cwts.; Wine, 38,705,000 gallons; Oats, 2,075,000 cwts. In a recent year, Chile had 4,185,000 sheep, 2,030,000 oxen, 400,000 horses, 88,000 mules and asses, 376,000 goats, 300,000 pigs and 34,000 alpacas.

Sodium nitrate is produced in the north, and represents the most important mineral resources of the country. Taxes upon it provide a great part of the total revenue. In 1913, the total value of the exports was 396,310,443 pesos gold, of which 305,354,000 was nitrate value.

The latest figures for the mineral output showed a value of $180,000,000 annually. About 3,000,000 metric tons of nitrate are produced annually.

Recent statistics show 21,306 industrial establishments, with a product valued at almost $500,000,000.

Commerce.—The order of the chief countries of imports into Chile is: United States, Great Britain, Peru, Argentina, India. The order of the chief countries of export from Chile is United States, Great Britain, France and Italy. The chief article of import is textiles. Latest figures show the value of the annual imports as $115,000,000 and that of the exports as $225,000,000. In 1919, the United States imported from Chile goods to the value of $82,442,000 and exported thither goods to the value of $53,472,000.

Transportation and Communications. — The commercial navy of Chile consists of 92 steamers of 142,822 net tons and 39 sailing vessels of 29,312 net tons. About 14,000 vessels of 14,500,000 tons enter and clear annually from Chilean ports.

Latest figures show 5,611 miles of railway, of which more than half is Government-owned. There are almost 1,000 post-offices. The length of the telegraph lines is 14,000 miles of line, of which about three-fourths is Governmental. There are 670 telegraph offices. The number of telephone subscribers is 18,000 and there are 36,000 miles of telephone wire.

Late figures show 22,000 miles of good road.

The population of the leading towns is as follows:

Santiago	400,000
Valparaiso (the chief port)	210,000
Concepción	70,000
Antofagasta	60,000
Iquique	50,000

The unit of value is the gold peso, equal to $0.365 United States money.

Chile:
American sailors on the *Baltimore* assaulted at Valparaiso. (See *Baltimore*, The.)
American seamen impressed by, 2772.
Boundary question with Argentine Republic, 4629, 6323, 6363.
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Agreement regarding, referred to, 1822.
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Award of arbiter, King of Belgium, referred to, 3381.
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Proceeds of cargo by the *Macedonia* seized in Peru by authorities of, 3015.
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Claims of United States arising out of, discussed, 4913, 5083, 5369, 5544.
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Efforts of United States to bring about peace, 4522, 4563, 4582, 4662, 4717.
Negotiations for restoration of peace, 4676.
Terminated, 4822.
Treaty of peace discussed, 4760.

Chile, Treaties with.—May 16, 1832, a convention of peace, amity, commerce and navigation was concluded with Chile, and proclaimed by President Jackson April 29, 1834. It included the most favored-nation clause, and provided for freedom of commerce and navigation, reciprocal privileges in business affairs, indemnity for vessels of either country detained in the ports of the other, asylum for vessels disabled by storm or pursued by enemies, special protection and religious freedom to citizens; defined contraband goods, and prescribed rules for trading privileges of neutrals, visitation and search of vessels, blockades, etc. Exchange of consuls was also provided for. An additional convention was concluded Sept. 1, 1833, extending the privileges of the most favored-nation clause to Republics of Bolivia, Colombia, Peru, the United States of Mexico, the Federation of Central America, and the provinces of the Rio de la Plata, and including Uruguay, Paraguay, Buenos Ayres, New Granada, Venezuela, Ecuador, and any new states which may be dismembered from those now existing. (See pages 1158, 1169, 1246, 1260 and 1270). This treaty was terminated Jan. 20, 1850, on notice given by the Chilean Government. In 1858 a convention was concluded for the arbitration of the claims made on behalf of the American owners of the brig *Macedonian*, for goods and silver coin and bars confiscated by order of the Vice Admiral of the Chilean navy. The King of Belgium was appointed arbiter and rendered his award in favor of the United States for damages to the extent of $42,400. (See *Macedonian*, The, also pages 2912 and 2957.)

A general claims convention was agreed to in 1892 by which all United States citizens having claims against Chile might present them to a special claims commission. The commission provided for in this treaty awarded $240,564.35 in favor of American citizens. (See *Baltimore*, The.)

An exchange of copyright privileges was proclaimed May 25, 1896, and a special claims protocol of 1897 awarded the heirs of Patrick Shields $3,500 for damages.

In 1897 a convention was agreed to reviving the general claims commission. This commission adjourned June 18, 1901, after awarding $28,062.29 gold, without interest, in favor of the United States, and $3,000 gold, without interest, in favor of Chile. An extradition treaty was concluded in 1900.

Chile also became a party to the convention betwten the United States and several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington July 29, 1914. (See South and Central America, Treaties with.)

China.—China Proper (or the Eighteen Provinces) occupies the southeastern corner of the continent of Asia, and covers about one-third of the total area of China. Its northern boundary is marked by the Great Wall of China, a rampart of earth, originally reinforced with bricks and masonry, some 12 to 28 feet high, and 1,500 miles in extent, with numerous gates, many of which are now neglected or abandoned. This barrier was erected in the third century B. C. as a defence against the Mongols of the north, and reached from Shang-hai-kwan on the east coast (Gulf of Chih-li) in long. 120° E. to Turkestan in the west (98° E.). It is now broken in many places and the Chinese have themselves advanced beyond its northeastern edge, in the province of Chih-li. The eastern boundary is the China Sea, and on the south the land frontier is coterminous with French Indo-China and the Shan States of British India. In the west the Eighteen Provinces adjoin British India, Tibet and Chinese Turkestan.

History.—Chinese civilization is the oldest in the world, and its government, based upon that of the family, remained unchanged in its root idea until the revolution of 1911-1912, by which the autocracy of the Emperor and the power of the bureaucracy were merged into a Republican form of government. For more than 2,000 years the Emperor was the supreme head of the State, legislating by edict in matters great and small. In the seventeenth century the Ming Dynasty was overcome by the Manchus from the north, who have now become almost entirely absorbed by the conquered race. The conditions and practices of the autocracy were preserved by the Manchus, but for many years the Civil service had become the power in the Empire and the central authority was but loosely exercised over the provincial and district administration.

Government.—Many reforms were initiated or promised in the last few years of the Imperial rule, and an executive body was actually created, while a legislature was promised. At the close of the year 1911 the party of reform forced the Imperial dynasty to a "voluntary" abdication, and a Republic was proclaimed, which was formally recognized by all the Powers on Oct. 6, 1913. President, Yuan Shih-kai, born 1859, elected provisionally Feb. 12, 1912; re-elected Oct. 6, 1913 (for five years), and formally inaugurated Oct. 10, 1913. A national assembly was formed consisting of 64 members, and a House of Representatives of 506 members. Each province was represented in the House.

In December, 1915, the Council of State voted to return to the imperial form of government, and Yuan reluctantly accepted the crown. March 22, 1916, China again became a republic, with Yuan Shih-kai as president. He died June 6, and was succeeded by Li Yuan-hung. In more recent years, governmental authority has been disputed by several schismatic movements and in consequence the internal status of the Chinese Republic has been in doubt.

Executive authority is wielded by a premier appointed by the President and by a Cabinet of nine members appointed by the premier. All these appointments require the assent of Parliament. The Parliament consists of a Senate of 264 members and a House of Representatives of 596 members.

Foreign Relations.—Foreign relations with the Chinese Dominions have existed

for many centuries. In the thirteenth century the Venetian merchant-adventurer, Marco Polo, resided in Cambaluc (the present Peking), and was employed by the Mongol Emperor Kublai Khan as adviser. In the seventeenth century Jesuit missionaries had attained considerable influence. The Dutch and Portuguese traders had for centuries maintained commercial dealings with the port of Canton, but toward the end of the eighteenth century they were largely replaced by the British East India Company. A treaty was signed at Nanking in 1840 ceding Hong Kong to Great Britain and opening five ports to foreign trade and residence.

On the conclusion of the war between Russia and Japan in 1905 a Treaty and Additional Agreement relating to Manchuria were entered into between Japan and China. April 15, 1911, negotiations with certain international groups of financiers resulted in a loan of $50,000,000, the proceeds of which are to be employed in carrying out a scheme for the unification of the currency on a silver basis.

The continued exclusiveness of the Chinese Government led by a long chain of events to the war of 1860, when British and French troops captured Peking. In 1894 China fought a disastrous war with Japan, resulting in the loss of Formosa and the establishment of Korea as an independent state. An abortive attempt was made, in 1898, by the Emperor to introduce administrative reforms, but his reactionary ministers persuaded the Dowager Empress (his aunt) to reassume the reins of government. Under her rule a plot was hatched to rid the country of foreigners; and in the summer of 1900 the Legations in Peking and the foreign settlements in Tientsin were fiercely attacked and bombarded for many weeks. The situation was relieved at its most critical moment by the arrival of an allied army despatched by nearly all the Treaty Powers, and Tientsin and Peking were captured. The Imperial Court fled, and remained in voluntary exile until early in 1902. Meanwhile, a Peace Protocol was signed between the Envoys of the Treaty Powers and the Chinese Plenipotentiaries, Prince Ch'ng, and the late Li Hung Chang. This provides for an indemnity of $320,000,000, to be paid within thirty-nine years. Subsequent negotiations resulted in three new commercial treaties—between the United Kingdom and China (Sept. 5, 1902); United States and China (Oct. 8, 1903); and Japan and China (Oct. 9, 1903). Under the two last Mukden, Tatungkow, Chang-sha, and Antung in Manchuria, were made Treaty ports.

The State Council held a special session at Pekin, March 28, and, acting as Parliament, rescinded all monarchial legislation, restored all the laws of the Republic affected by the monarchial movement, and then adjourned permanently.

Thus was given public evidence of an admission of the errors made by Parliament in urging a monarchy upon the President.

The following comprises the list of Japanese demands upon China, so far as they have been made public. At least one other clause has been suppressed. This represents the demands after revision, the original list including many more drastic features, among others the right to propagate Buddhism in China.

Group I.—Transfer complete to Japan of the German lease upon Kiachow; a pledge not to alienate any of the territory of Shantung Province; consent to a Japanese railway joining Kiaochow with Chefoo or Lungkow; the opening of certain treaty ports in Shantung, to be selected later.

Group II.—Extension of the Port Arthur lease to ninety-nine years; freedom of residence and travel and the right to lease or own land or work mining concessions in South Manchuria and East Mongolia; the consent of the Japanese Government to be obtained before granting any railroad concessions, borrowing any money on the taxes, or appointing any advisers in South Manchuria and East Mongolia; a ninety-nine-year lease of the Kirin-Changchun Railway.

Group III.—The Hanyehping Company (the largest mining and steel-making company in China) to be made a joint concern of the two nations, and none of its property or rights to be alienated without the consent of Japan; the company to be given a monopoly over all mines in its neighborhood. (This company owns the steel works around Hangchow.)

Group IV.—No island, port or harbor on the Chinese coast to be ceded or leased to any foreign power.

Group V. (as amended).—In times of crisis the Chinese Government shall ask Japan to appoint "many Japanese advisers." Japanese shall have the right to rent or lease lands in the interior of China for hospitals, churches and schools.

The police of important places in China to employ Japanese advisers for the purpose of organizing and improving the service. China shall send to Japan a commission to arrange for the purchase of munitions of war and for the administration of Chinese arsenals.

China must agree to permit Japan to build a railway connecting Wuchang with Kiukiang and Nanchang, also a line between Nanchang and Chiaochua. No foreign capital to be employed in the Province of Fukien without Japanese consent.

Japan later withdrew Group V and China submitted to the others by a treaty signed May 25, 1915.

In the World War, China broke off diplomatic relations with Germany in March, 1917, and officially declared war on Germany and Austria on August 14, 1917. China had wished to take such action previously, but had been prevented by pressure from Japan and from the other Entente Allies as influenced by Japan. China was willing to dispatch troops to Europe to fight against the armies of the Central Powers, but the Entente Allies refused assent to this offer. However, great numbers of Chinese coolies were used in non-military work in France during and after the hostilities.

China finally entered the war with the advice of the United States, who promised to protect Chinese interests. However, at the Peace Conference at Paris, the American delegates were confronted by a secret treaty among the Entente belligerents by which the Shantung peninsula of China, captured from Germany by Japan in 1914, was not to be returned to China, but was to be awarded to Japan. This award to Japan, finally acquiesced in by the United States, was supposed to be but temporary, but it included permanent economic privileges which carried with them the practical control of the peninsula.

For the text of the so-called Lansing-Ishii agreement concerning China, and for China's protest thereto, see the article, Treaties with Japan.

Territories & Capitals	*Area, Sq. Miles*	*Estimated Population*
China Proper (Peking)	1,532,000	302,000,000
Manchuria (Mukden..	364,000	13,000,000
Mongolia (Urga).....	1,368,000	1,800,000
Tibet (Lhassa).....	463,000	2,000,000
Sinkiang (Eastern Turkestan) (Urumchi)	550,000	2,000,000
Totals	4,277,000	320,800,000

Only a very loose authority is exercised over Tibet and Mongolia.

Races and Religions.—The prevailing race in China is of Mongolian origin, but there are many races in addition to "Chinese" in the aboriginal Lolos, Miaotze, Ikias, Hakka and Hoklos. The Manchus, who ruled China from about the middle of the seventeenth century, although numbering only from 4,000,000 to 5,000,000, are Mongols from Eastern Tartary, whose superior military organization enabled the race to dominate the less warlike Chinese. In addition to the Chinese in the abovementioned territories, whose numbers are variously estimated at 350,000,000 to 450,000,000, there are some 10,000,000 Chinese in various quarters of the globe, particularly in the Malay Peninsula, North and South America, and Oceania.

The principal religions are Taoism and Buddhism, which have grown up side by side since the first century of the Christian era, until the older faith, to which no date can be assigned, is difficult to distinguish from the younger. Confucianism is too general a philosophy to be termed a religion and it has no temples or priests. Mohammedanism was introduced in the seventh century of the Christian era and is believed to have some 10,000,000 adherents. Christianity has made little headway, although its missionaries have been protected since 1860. The total number of converts does not exceed 1,500,000, of whom over 1,000,000 are Roman Catholics.

Under the Republic, there is no official ecclesiastical hierarchy, but Confucianism is the basis of the teaching of ethics and philosophy in the Chinese educational system. There are about 1,500,000 students in the various educational institutions of China, with an Imperial University and a medical school in Peking and a university at Tientsin.

There are about 5,500 Protestant missionaries.

CHINA PROPER, AREA AND POPULATION

Provinces	*Area in English Sq. Miles*	*Estimated Population*
Chehiang	36,680	14,275,000
Chihli	115,830	23,600,000
Fukien	46,332	8,730,000
Honan	67,954	23,000,000
Hunan	83,398	21,200,000
Hupeh	71,428	21,900,000
Kansu	125,483	3,900,000
Kiangsi	69,498	16,500,000
Kiangsu	38,610	15,600,000
Kwangsi	77,220	5,600,000
Kwangtung	99,970	24,800,000
Kweichow	67,182	9,425,000
Nganhui	54,826	14,300,000
Shansi	81,853	9,600,000
Shantung	55,984	26,600,000
Shensi	75,290	6,900,000
Szechuan	218,533	55,975,000
Yunnan	146,718	8,200,000
Total	1,532,789	309,905,000

These figures are later than those in the table above; hence the slight discrepancy.

It is estimated that the population of Hankow is 1,325,000; Peking, 900,000; Canton, 900,000; Tientsin, 800,000; Shanghai, 1,000,000. The reported number of foreigners in China is 220,000, of which 145,000 are Japanese, 50,000 are Russians, 9,000 are British, and 6,000 are Americans.

Recent figures show 130,000 schools, with some 4,500,000 students.

Army.—The land forces cannot yet be regarded as capable of offensive warfare or of withstanding trained European or Japanese troops. Energetic measures of reform aim principally at. (See Armies of the World.)

Navy.—The Navy has not recovered from the effects of the Chino-Japanese War, when more than ten important war vessels were sunk or captured. At present, the entire navy consists of six small protected cruisers.

Shipping.—In a recent year, 213,473 vessels entered and cleared at Chinese ports, of a tonnage of 87,000,000. Most of the vessels were British and Chinese.

Production and Industry.—The Eighteen Provinces are essentially agricultural, the land being held on freehold tenure with a small annual government tax. The richest zone lies between 35° and 27° N., and has two rainy and two dry seasons, the principal crops being rice in the lowlying river valleys, and tea, silk, wheat, cotton, mulberry and sugar. The northern zone (about 35° N.), produces wheat, barley, maize, peas and beans; the southern zone (below 27° N.), with its tropical climate, produces oranges, mangoes, bananas, ground nuts, sweet potatoes, yams, and rice, while the poppy is extensively grown. Tea is universally consumed, and very largely exported by land to Russia and Siberia (which absorb nearly five-sixths of the exports), and overseas to the United Kingdom, Hong Kong, the United States, and elsewhere. Cotton has been grown for centuries, and about half the produce is locally absorbed, the exports amounting to about 200,000,000 pounds. Silk is largely grown and about one-third of the world's supply is derived from China, while great quantities are used in home manufactures. Timber, particularly bamboo, is supplied from the forests of the western mountains. The production of opium has been greatly restricted of late years. The south produces most of the cotton, whereas the west shares with the south the production of silk. On January 1, 1915, there were reported 45 mills, with 1,200,000 spindles, in operation.

Gold is found in large quantities in the southwestern province of Yunnan, and silver, lead, iron, tin, and cinnabar are found over a wide area. White copper is worked in Yunnan. Iron ore is abundant and is being locally absorbed, and tin is produced for export. The coal fields probably exceed those of any other country in extent and value; jade, lapis lazuli, porcelain clay and petroleum are plentiful, and the latter is now successfully exploited.

Recent figures show imports of some $550,000,000 in value and exports of $500,000,000.

The following table shows the value of the imports for a recent year, by principal countries, in HK taels:

Japan	221,666,891
Hong Kong	158,602,488
United States	60,960,777
United Kingdom	51,989,135
India	26,989,184

The value of the chief imports for that year was as follows, in HK taels:

Cotton and Woolen Goods	162,600,000
Cigarettes	31,260,000
Rice	30,000,000
Coal	15,000,000
Fish	14,000,000
Opium	6,000,000
Metals	25,000,000

The following table shows the exports for a recent year, by principal countries, in HK taels:

Hong Kong	115,842,946
Japan	105,773,819
United States	94,786,229
United Kingdom	26,089,759
France	25,536,079

The following table shows the value of the principal exports for that year, in HK taels:

Silk, raw and manufactured	79,000,000
Vegetable Oils	30,000,000
Tea	29,000,000
Beancake	24,000,000
Raw Cotton	20,000,000
Hides	17,000,000
Yellow Beans	15,000,000
Tin	12,000,000

The most recent figures show annual exports from the United States to China of a value of $105,515,000 and imports from China valued at $154,154,000.

Railways.—About 5,900 miles were open in 1920, inclusive of the Manchurian lines, while 2,200 miles more are under construction. About 70 per cent of the railroads are government railroads.

There are 40,000 miles of telegraph, with 57,000 miles of wire and more than 600 offices.

There are between 9,000 and 10,000 post-offices.

MANCHURIA.—Manchuria lies to the north of China Proper, between 39°-53° N. and 116°-134° E., its northern boundary being the Amur River, with the coast province of Russia and the Japanese dependency of Korea on the east, and the Transbaikal Province of Russia and (Chinese) Mongolia on the west. It is watered by the Sungari River and the climate is similar to that of Northern China.

The administration is under the control of the Central Government at Peking.

The principal agricultural products are indigo and opium, which provide highly profitable crops.

Capital, Mukden (on the Hun-ho). Population, 250,000.

Four of the great Asiatic highways traverse Manchuria: from Peking to Mukden and Kirin and thence to Sansing and Possiet Bay; from Niu-chwang to Mukden and Petuna, and thence to Tsitsihar, Mergen and across the northern boundary; from Niu-chwang southward across the Liao-tung peninsula to Kin-chow; and from Niu-chwang eastward to the Korean gate and Antung. These highways are of great importance to the cultivators of the indigo and opium districts of the south, and to the mining districts of the northwest.

The Trans-Siberian Railway enters Manchuria at the western boundary of Heilung-kiang and thence southeast to its termination at Vladivostok.

MONGOLIA.—The total area of Mongolia, which extends from the Great Wall in the south to Siberia in the north, and from the Khingang Mountains in the east to Russian Central Asia in the west, is estimated at 1,076,000 English square miles, with a nomadic Mongol and Kalmuck population variously computed at 1,750,000 to 3,250,000.

History.—In the thirteenth century of the Christian era, the Mongolian ruler, Jenghiz Khan, held sway over an empire "from the China Sea to the banks of the Dneiper," and the vast area of the Chinese dominions is but a portion of the former Mongolian Empire.

Physical Features.—The country is rugged and mountainous in the northwest, where the Altai range runs from northwest to southeast almost to the center of Mongolia. In the extreme east the Khingang range crosses the southern and northern boundaries. The greater part of Mongolia is occupied by a high tableland, known as the Desert of Gobi or Shamo, about 3,000 feet above sea level, 2,000 miles from east to west and 500 miles from north to south, an arid, rocky waste with no vegetation.

Government.—The administration of Mongolia was the subject of a Russo-Chinese Agreement signed Nov. 5, 1913. Russia recognizes Chinese suzerainty over Outer Mongolia and China recognizes the autonomy of that region.

TIBET.—Tibet (or Bod) occupies more than half the western area of the Chinese dominions, with the Eighteen Provinces on the east, Nepal, Bhutan and British India on the south, British India on the west, and Chinese Turkestan on the north.

Physical Features.—The country is mainly a lofty plateau, part of the Great Asiatic Tableland, the highest country in the world, with the Himalaya Mountains as a western and southern boundary. The great hydrographic feature is the chain of lakes, all 15,000 feet or more above the mean level of the sea.

CHINESE TURKESTAN.—Eastern Turkestan occupies the northwestern corner of the Chinese dominions, between Mongolia, Russian Central Asia and Tibet.

Recent discoveries show that numerous towns have been covered by the moving sands of the desert, the date of the inundations being early in the Christian era. Towns now exist mainly as stations on the various caravan routes between China, Russia and India.

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China, Treaties with.—The treaty of peace, amity, and commerce concluded with China in 1844 was in part superseded by the treaty of 1858. Several articles, however, were not changed. Passenger boats plying with mail and baggage between the five ports are exempt from duty if the vessels are owned by citizens of the United States. Cargo boats owned by citizens of the United States and not hired from Chinese subjects, pay the regular duty of one mace (58 ounces of pure silver) per ton. Each of the consuls at the five ports to be supplied with standard, stamped, and sealed weights and measures, according to the standard at the custom house at Canton. Citizens of the United States are admitted to trade with Chinese subjects without distinction. Detailed reports of all vessels and cargoes belonging to the United States are to be made annually to the governor-general of each of the five ports by the consults at these ports, such reports for use and examination for revenue purposes. The vessels, property, and persons of citizens of the United States are not subject to embargo and cannot be prevented from pursuing their transactions without molestation or embarrassment.

The treaty of peace, amity, and commerce, of 1858, after the customary declaration of friendship between the two countries, makes provision for communication at all times directly between the highest United States minister in China and the officers of the privy council at the capital or with the governors-general of the two provinces of Fuh-Kien and Cheh-Kiang; the minister is also privileged to make one visit a year to the capital of the Emperor of China, and there to confer with a high official, deputed for the purpose, upon matters of common interest. If at any time the privilege of residence be granted by the Emperor of China to the representative of any other foreign country, that privilege, without further notice or formal permission, shall become a right of the minister of the United States. The form in which communications may pass between representatives of the two governments is prescribed in terms of the Chinese court ritual. National vessels of the United States cruising near Chinese coasts are to be accorded courtesy and hospitality in token of the friendly relations of their respective nations. These national vessels have the right to pursue and capture pirates who pillage United States vessels, but the offenders must be handed over to the Chinese authorities for punishment.

Consuls.—The United States is granted the right to appoint consuls and commercial agents in such parts of the Chinese dominions as shall be agreed upon as being open to them. Citizens of the United States may reside or sojourn in any of the ports open, may rent houses and places of business, and build houses, churches, hospitals, and cemeteries; they shall not be subjected to exorbitant demands or unreasonable conditions. The customary provisions are made in cases of shipwreck, and the onus of arrest, trial, and punishment of robbers and pirates who plunder vessels belonging to the United States rests upon Chinese authorities. But if for any reason these cannot be apprehended, the Chinese authorities shall not be called upon to indemnify for lost goods or damage. If, however, it be shown that local authorities were in collusion with the robbers or pirates, their goods shall be confiscated to indemnify for loss or damage.

Open Ports.—The ports of China opened by this treaty to the citizens of the United States for commerce, residence, or trade are: The cities and ports of Canton and Chau-Chau or Swatau, in the provinces of Kwang-tung; Amoy, Fuh-Chau, and Taiwan in Formosa, in the province of Fuh-Kien; Ning-po, in the province of Cheh-Kiang; and Shanghai, in the province of Kiang-su, and any other port hereafter opened by treaty to any other power or to the United States. Trade may be freely carried on in these ports, and vessels may proceed from one to the other of them; but no fraudulent or clandestine trade may be carried on with any other port under penalty of confiscation of vessel and cargo. Any citizen of the United States carrying on trade in contraband goods shall be punished by the Chinese authorities without protection or countenance of the United States. The tariff of duties to be paid shall in all cases be the same as that under which the most favored nation shall conduct importation and exportation.

Tonnage Dues.—Vessels of over 150 tons burden shall pay tonnage duties of four mace per ton of 40 cubic feet; those of 150 tons or under, one mace per ton of 40 cubic feet. The tonnage in all cases to be that of the ship's register, which with her other papers must, on her arrival, be lodged with the consul for examination by the commissioner of customs. (See Treaty of 1880.) If a vessel pay tonnage duties at one port and proceed for a part or the whole of her cargo to another port, she shall not pay duties a second time on her tonnage, but only upon her cargo or part of it. Pilots and all other assistants may be hired as required upon terms agreed upon by the parties, or determined by the consul.

Supervision of Ships and Cargoes.—The Chinese customs officials may exercise control over vessels of the United States while in Chinese ports to the extent of putting subordinate officers on board of same, to live on board during the stay in port. Mutineers or deserters are, upon information from the consul, to be arrested by the Chinese authorities and handed over to the consuls for punishment. Criminals taking refuge in the houses or on ships of citizens of the United States are to be handed over to Chinese officials on demand and shall not be harbored or concealed. Public peace is to be preserved by the officers of both nations, who must exert themselves to maintain order by dispensing impartial justice. Within forty-eight hours after a merchant vessel of the United States shall cast anchor in either of the ports, the ship's papers must be deposited with the consul, and from them a true report of necessary details shall be communicated to the superintendent of customs. Upon receipt of this information he shall grant a permit for her discharge. If cargo be discharged without such permit, the goods shall be confiscated, and a fine of $500 be imposed upon the master or consignee. If the master determine within forty-eight hours to proceed to another port without breaking bulk, he may do so without the payment of tonnage, duties, or other charges until he shall reach the other port. In the absence of the consul or proper representative, the master may call upon the consul of a friendly power to act for him in the premises. Disputes in the adjustment of duties are to be settled within twenty-four hours by the consul and the superintendent of customs. Duty paid goods imported into a Chinese port by citizens of the United States may be reexported after due examination by the customs authorities to guard against fraud: in the event of detection of fraudulent proceedings, the goods are subject to confiscation. Foreign grain or rice brought to a Chinese port in United States bottoms and not landed may be reexported without hindrance.

Tonnage duties on vessels are to be paid on entry; import duties, on the landing of the goods; a port clearance is given only when all charges have been paid and the consul then returns the ship's papers. The consul is held responsible for the departure of a ship without the payment of charges. Goods may be transshipped on application to the consul, who shall certify to the superintendent of customs the cause of such transshipment, and at his discretion permit the transshipment. Goods transshipped without such permission are subject to confiscation.

Personal Relations.—Citizens of the United States may sue Chinese debtors in local courts, and Chinese creditors may sue United States debtors before the consul or in the consular court. Citizens of the United States may employ scholars in any part of the empire to teach any of the languages and may buy books of any kind. In the event of the exclusion of the vessels of another country from Chinese ports because of war with that country, the vessels of the United States shall have free and friendly access to Chinese ports so long as her vessels do not engage in work of assistance to the unfriendly power. Disputes between United States citizens in China are to be settled in the courts of their own country. All disputes between citizens of the United States and citizens of another power resident in China are to be settled according to the treaties in force between those countries. Citizens of the United States desiring to address a Chinese official must transmit their communications through the consul, who shall see to it that the communication conforms to the prescribed court ritual and is respectfully addressed. A Chinese citizen may address the consul directly, at the same time informing his own proper officials fully in the premises. Disputes between citizens of the United States and Chinese citizens are to be adjusted when otherwise impossible by public officers of the two countries acting together. Those who quietly profess and teach the doctrines and principles of the Christian religion shall not be harassed or persecuted on account of their faith. Any favors, rights, and privileges, not conferred by this treaty, and which at a future time shall be granted to any other country, shall at once freely accrue to the citizens of the United States.

Tariff.—Another treaty of 1858, concluded on Nov. 8, established the tariff and regulations of trade, specifying fully the taxes on imports and exports in detail, the duty-free goods, and contraband goods, and established weights and measures in United States equivalents. By this treaty citizens of the United States were excluded from entering the capital city of Peking for purposes of trade.

Claims.—A claims convention was concluded on the same date, Nov. 8, 1858, whereby $735,238.97 was paid by China to the United States in liquidation of claims of citizens of the United States against China. Of this sum, $489,187.95 was paid out by a commission to claimants, and as the Chinese government declined to accept the surplus the amount was sent to the United States and invested in government bonds. Out of this investment, $281,319.64 was paid to claimants against China, and on April 24, 1885, the sum of $453,400.90 was returned to the Chinese minister at Washington.

Immigration and Emigration.—The treaty of trade, consuls, and emigration of 1868 was proclaimed Feb. 5, 1870, and supplements and explains that of 1858. The Emperor of China asserts his right of eminent domain to all of the land opened to trade by citizens of the United States, and stipulates that any and all concessions to them do not give an enemy the right to make war upon the United States within his waters nor to permit the United States to make attacks upon enemies therein; and further that the jurisdiction of the Emperor of China over his lands and subjects is in no wise impaired by any concession made. Any further rights of trade which are not provided for by treaty are to be adjusted at the discretion of the Emperor in a spirit compatible with treaty stipulations. The right of the Emperor of China to appoint consuls in the several ports is affirmed upon

the same conditions as those to which Russia and Great Britain are subject. United States citizens in China and Chinese citizens in the United States are to suffer no disability or persecution by reason of their religious belief, and due respect is to be paid to burial places of all religious denominations and beliefs. Emigration from and immigration into both countries must be wholly voluntary and with entire free will of the subjects. The mutual enjoyment of rights, privileges, and immunities of the citizens of both countries within the territories of the other, is fully assured. Especially is this affirmed regarding education and the establishment of schools. No interference by the United States in matters of internal administration is to be attempted, particularly in matters of railroad, telegraph, and other internal construction and improvement.

Immigration.—The immigration treaty of 1880 provides that at any time that the United States decides that the immigration of Chinese laborers tends to disturb economic conditions, the United States may limit, or suspend, but may not wholly prohibit, the coming or the residence of such laborers; this provision applies only to laborers. Teachers, students, merchants, or travelers from curiosity, as well as laborers residing within the United States at the time of the proclamation of this treaty, may come and go at will and enjoy all the rights, privileges, and immunities formerly prescribed by treaty. Such legislation on the subject as may be meditated at any time is to be submitted to the Chinese legation at Washington for consideration, discussion, and regulation, that no hardship may be inflicted upon Chinese subjects.

Traffic in Opium: Judicial Procedure.—Nov. 17, 1880, another treaty of commercial intercourse and judicial procedure was concluded which prohibits the importation of opium into United States ports by Chinese, or into Chinese ports by citizens of the United States, in vessels owned by citizens or subjects of either power, in foreign vessels employed by them, or in any vessels operated by others. It is also mutually and reciprocally agreed between the two countries that no duties, tolls, or imposts, be levied upon the ships or trade of the respective countries, other than are levied upon ships or trade of other foreign countries or upon the citizens of such countries. In cases of controversy between citizens of the United States and subjects of China, which call for judicial intervention, it is agreed that the presiding officer shall be of the nationality of the defendant. All privileges, courtesies, and facilities are to be accorded to the representative of the plaintiff, and protest will be permitted against any decision reached in the proceedings conducted according to the judicial procedure of the country of the presiding officer.

Immigration.—The convention of 1894, regulating Chinese immigration, prohibited the immigration of Chinese laborers for ten years, except in the case of the return of a registered Chinese laborer who had a lawful wife, child, or parent in the United States, or property therein worth one thousand dollars, or debts of that amount due to him or pending settlement. Such returning Chinese laborer must, before his departure from the United States, deposit with the collector of customs of his district a full description in writing of his family, his property, and his debts, as a condition precedent to his return. A false return in such cases shall prevent his return. In all such cases the return must be made within a period of one year, unless the time shall be extended by reason of sickness or valid disability, such extenuating facts being reported to the Chinese consul at the point of departure, and by him transmitted to the collector of the port at which he shall land in the United States. These prohibitory restrictions shall in nowise extend to teachers, students, merchants, or travelers for pleasure and curiosity, other than laborers, who must be provided with a certificate from their government or from the government of the last place of residence, and properly viséd by the consular representative of the United States at the point of departure. Resident laborers in the United States shall have all rights, privileges, and immunities enjoyed by others, except the right of naturalization, and their persons and property shall be protected by the government of the United States. The Chinese government agrees to the enforcement of the acts of 1892 and 1893, which require all resident Chinese laborers to be registered for the assurance of their better protection, and the United States recognizes the right of the Chinese government to enact similar legislation to apply to laborers of the United States within the Emperor's dominions. The government of the United States engages by this treaty to supply annually to the government of China a list of all citizens of the United States (other than the diplomatic corps) including missionaries, resident or traveling in China, together with the names, addresses, and full particulars of themselves and suites. The life of this treaty was ten years, with a renewal period of another ten years.

Commercial.—The treaty of 1903, on commercial relations, was made in further extension of the commercial intercourse between the two countries. It confers upon the United States minister to China the right to reside at the city of Peking, to have audience with the Emperor whenever necessary to present his credentials or a message from the President, and to enjoy all the honors, prerogatives, and privileges of the representatives of the most favored nation. The authoritative texts of all documents shall be English for all documents from the United States, and Chinese for all documents from China. Freedom of intercourse with Chinese officials is granted to consular officers, such intercourse is restricted to the officials within their own jurisdiction. The extension of commercial freedom to citizens of the United States is again confirmed. The tax known as likin was abolished. This was a tax of one cash per tael imposed upon all sales throughout China as a war tax to meet the deficiency caused by the Tai-ping rebellion (1850-1864). In its place, the United States agreed to the imposition of a surtax, in addition to the current tariff rates on all foreign goods imported by citizens of the United States, and on Chinese produce intended for foreign export; this surtax never to exceed one and a half times the tariff established by the final protocol of China with the Powers, Sept. 7, 1901, and the total taxes of all kinds upon such goods must never exceed seven and a half per cent *ad valorem*. The likin collecting stations are abolished in all parts of the nineteen provinces of China and in three eastern provinces, but the customs stations within these districts are retained. The abolition of likin is further compensated for by a special surtax on foreign goods not to exceed one and a half times the five per cent import duty established by the protocol of 1901. It is permitted to the Chinese government to recast the foreign export tariff on a scale not exceeding five

per cent *ad valorem*, and all existing tariff rates which exceed the last named limit are to be reduced. In place of all internal taxation of every kind, China may add an export duty of one half the existing rate as a special surtax. Provision is made within the treaty for the adjustment of all matters of controversy.

Arbitration.—In 1908 an arbitration convention was signed with China providing that all differences which may arise relating to the interpretation of treaties and which may be impossible to settle by diplomacy shall be referred to the Permanent Court of Arbitration at The Hague, provided they do not affect the vital interests, the independence or the honor of the contracting parties.

The establishment of bonded warehouses at the several open ports is provided for and permitted. China agrees to revise the mining regulations of the empire within one year, with a view to the encouragement of the investment of foreign capital in that industry. China agrees to establish a Patent Office and to permit and to protect the patenting of inventions by citizens of the United States. Copyright protection within certain limits is granted to citizens of the United States. The navigable inland waters of the Empire are opened to steam navigation by firms, companies, and individuals. Mukden and Antung, in the province of Sheng-king, are added to the list of open ports. China agrees to provide a uniform coinage throughout the Empire to be recognized as legal tender, though the payment of customs duties is to be made in terms of the Haikwan tael. The practice of the Christian religion is permitted with several privileges and certain restrictions upon missionaries. The United States agrees to help China remodel her judiciary upon western lines. China prohibits the importation of morphia and instruments for its injection, except for medicinal or surgical uses. Conditions of the treaty of 1900 not at variance with the terms of this treaty are reaffirmed. A schedule of tariff duties upon imported goods is appended to the treaty.

Chinese Immigration.—In 1844, under a treaty negotiated by Caleb Cushing, five Chinese ports were opened to American trade and protection of life and property was guaranteed American citizens. By the Burlingame treaty of 1868 the right of Chinese immigration was admitted, and the promise was made that the subjects of China should enjoy the same privileges, exemptions, and immunities respecting travel and residence in the United States as the subjects of the most favored nation. The Chinese came to this country in considerable numbers until their presence began to cause opposition on the Pacific Coast and agitation was begun for their exclusion. They were obnoxious to many Americans on account of their increasing numbers and their habits of life which rendered their assimilation with Americans impossible. In 1879 after a Congressional investigation a bill restricting their immigration passed Congress but was vetoed by President Hayes (4466). The continued opposition to the Chinese, however, led to the framing of a new treaty with China in 1880. This treaty conceded to the Government of the United States the right to regulate, limit or suspend, but not absolutely to prohibit the coming of Chinese laborers, whenever their presence should be deemed injurious. Chinese students, teachers, merchants, and travelers were to be admitted freely as before. In 1882 an act was passed by Congress suspending the immigration of Chinese laborers for ten years. This act was amended several times in the direction of greater stringency. In 1892 the Geary Act was passed extending the operation of previous acts for ten years and providing that any Chinaman not lawfully entitled to remain in the United States should be removed to China and all Chinese laborers should be obliged to procure certificates of residence from the collector of internal revenue, failure to do so within a year to be followed by deportation. This act was modified considerably by a law passed in 1893. A new treaty was agreed upon by the United States and China in 1894 absolutely prohibiting the coming of Chinese laborers for ten years. This treaty, in accordance with the terms of one of its articles, was terminated by China at the expiration of the ten years' period, in December, 1904. By an act approved April 29, 1902, all laws in force prohibiting and regulating Chinese immigration were reenacted as far as not inconsistent with treaty obligations until otherwise provided by law, and their operation extended to the island territory of the United States. The number of Chinese in the United States, proper, as reported by the census of 1910 was 71,531, as compared with 89,863 in 1900, showing a decrease of 18,332 in the decade. Of the total number in 1910, 66,856 were males and 4,675 were females; 53 per cent of the males were single and 23 per cent of the women. More than one-half resided in California. There were 760 farms operated by Chinese, of which 512 were in California, and only 57 were owned by Chinese, the others being worked by Chinese cash tenants.

Chinese Immigration:

Act—
- Regarding, vetoed, 4466, 4699.
- To execute certain treaty stipulations approved and discussed, 5215.

Conventional regulation of passage of laborers across borders proposed to Mexico and Great Britain, 5544.

Conventions regarding. (See Treaty regarding, *post.*)

Discussed by President—
- Arthur, 4716.
- Cleveland, 4914, 4968, 4975, 5083, 5194, 5215, 5868.
- Grant, 4242, 4309.
- Harrison, Benj., 5469, 5476, 5632.
- Hayes, 4521, 4540.
- Roosevelt, 7008, 7010.

Execution of acts regarding, referred to, 5495.

Forbidden in Canal Zone, 8213.

Head tax collected from Chinamen entering Canada, 5476, 5632.

Laborers in, exclusion of, urged, 6650.

Registration of Chinese laborers—
- Extension of time for, 5838, 5868.
- Law regarding, sustained by Supreme Court, 5868.

Reports on, referred to, 4973, 4975.

Through Canada and Mexico, discussed, 5476, 5632.

Treaty regarding, 4561, 4581, 5195, 5908, 5956.

Discussed, 4629, 4823, 5194, 5386.
Referred to, 4691, 5212, 5215.
Rejected by China discussed, 5367, 5386, 5387, 5469.
Violation of laws, restricting, discussed and recommendations regarding, 4762, 5632.

Chinese Indemnity.—In May, 1900, a secret society, known as the Boxers, arose in the provinces of Shan Tung and Pe-chi-Li, China, and massacred native Christians and European missionaries. In June the Boxers destroyed the Tien Tsin railway, isolating the foreigners in Peking, and shortly after murdered the German minister and the Japanese chancellor of legation. It was not until the middle of August that a relief force composed of 12,000 American, British, French, German, Russian and Japanese troops was enabled to rescue the besieged legations in Peking. The Empress Dowager and the court had fled, and it was impossible to apprehend the leaders in the anti-foreign uprising.

Peace negotiations were opened, and on Dec. 4, the Powers sent a joint note to the Chinese peace commissioners, demanding, among other things, the execution of the leaders in the massacre of foreigners and the payment of an indemnity; forbade the importation of arms and ammunition or the materials for their manufacture; the conversion of *ad valorem* into specific duties, the improvement of certain rivers, prohibited Chinese membership in anti-foreign secret societies under pain of death, ordered the dismissal of governors who should hereafter permit anti-foreign agitation. A legation district in Peking which might be fortified and guarded was defined, and certain points were indicated that might be occupied by the foreign powers to keep communication open between the capital and the sea.

In October, 1901, the amount of the indemnity was fixed at $735,000,000. Later, through the good offices of the United States, this was reduced to $387,500,000. The share of the United States in this indemnity was fixed at $24,440,778.81. In 1905 it was decided by the powers that this debt was payable in gold. The principal is payable in thirty-nine annual installments, ending in 1941. The interest, payable semi-annually, at four per cent, is about $12,800,000; the securities for the indemnity are the maritime customs and the salt monopoly and the native customs or transit dues within sixteen miles of the ports. Payments are made monthly to a commission in Shanghai. In his seventh annual message to Congress, Dec. 3, 1907, President Roosevelt recommended the remission of a portion of the United States' allotment of this indemnity (7123). In accordance with this recommendation Congress passed a joint resolution which was approved May 25, 1908, reducing the total amount to $13,655,492.69, reserving $2,000,000 for the payment of future claims under the treaty and providing for their adjudication by the Court of Claims. This was done purely as an act of friendship toward China.

On November 22, 1917, it was announced that the payment of the indemnity, which by that time had reached approximately $200,000,000, had been postponed for five years, by agreement among the Entente Powers, including the United States. This step was taken to assure this amount to China for Government and war uses, and to obviate the necessity for a large foreign loan.

Chinese Indemnity of 1900:
Authority asked for cancelling part of, 7123.
Effect of using funds for educating students in United States, 7419.

Chinese Loan.—The construction of extensive railway lines by the government, with the use of foreign capital and the granting of concessions to foreign companies to build railroads is opening up China to influences which the great Powers are not slow to avail themselves of. In June, 1908, work was begun on the Tien Tsin-Pukow railroad, about 700 miles long, connecting the imperial railways in North China with the German transverse line and extending to the Yangtse, opposite Nanking, and connecting three open ports. About $25,000,000 was borrowed to build this road. The road from Nanking to Shanghai, 196 miles, was opened in April, 1908.

The entering wedge of American predominance in the awakening of China was securely put in place in Peking and the door of the Far East firmly opened to American capital, trade and governmental influence in August, 1909. This wedge takes the form of an allotment to New York bankers of one-fourth participation in a loan negotiated by the Chinese government for the construction of the Hankow-Szechuen Railway. This total amount of the loan is $30,000,000, of which $7,500,000 is to be taken by an American syndicate. The sum, so small for Wall Street, is truly a mere wedge, but the principle involved is considered of world-wide importance, and opens the door for things far greater.

The Chinese Government gave assurance that Americans are to have equal opportunity to supply material for both the Canton and Szechuen lines with branches and to appoint subordinate engineers. They are to have one-half of all future loans on the Szechuen Railroad with corresponding advantages.

For years Great Britain, France and Germany have been diplomatically struggling for the controlling influence over China when that vast country should have its awakening to western civilization and exploitation. They have manœuvred in every way to bring about conditions that might result in the partition of the empire so that vast slices of its territory might fall into their imperialistic laps. A brief resumé of the indemnities exacted and loans made to pay the same follows:

After the British had captured several ports in the opium war, in 1840, taken Ching-Kiang in a bloody assault, and threatened Nanking, a treaty was made with China, which, besides opening five ports to foreign trade and ceding the island of Hong Kong to England, exacted a war indemnity of $21,000,000. In 1856-1858 another expensive war was forced upon China by England and France, to end which China was compelled to pay the expenses of her conquerors. By the treaty of Shimonoseki, ending the war between China and Japan, in 1895, China agreed to pay an indemnity of 200,888,200 taels (about $160,000,000). This disclosure of China's weakness aroused the interest of European nations, and Russia, France and Germany, jealous of the growing influences of Japan, protested against the cession of the Liaotung peninsula to the latter country, and Russia, through the agency of France, placed a loan in 1895 amounting to $77,200,000 to enable China to meet the payments of the indemnity. In 1896 $80,000,-

000 was loaned by German and American capitalists, and in 1898 another $80,000,000 was advanced by the Hong Kong and Shanghai Banking Corporation, and the Deutsche-Asiatische Bank of English, German and American capital.

In return for these loans valuable railway and trading concessions were exacted, with a view to establishing in the disintegrating empire spheres of influence which would serve as a pretext for military occupation should that become desirable. In 1907, Germany by way of reparation for the murder of two German missionaries, seized the port of Kiao-chau, on the Shantung peninsula, and obtained valuable mining, trading and railway privileges in the rich Shantung province.

Early in 1898, while the British government was endeavoring to secure guarantees that the Yangtsekiang region should not be alienated, Russia obtained a lease of the harbors of Port Arthur and Talien Wan, in the Liao-tung peninsula, with railway concessions in the adjacent territory. As an offset Great Britain obtained a lease of Wei-hai-wei for as long as Russia should retain Port Arthur.

The United States Government has stood by China as her friend. John Hay, as Secretary of State, laid down the policy of this government as insisting on what was called the "open door," meaning thereby that all nations should stand on equal terms with China and that empire should not be exploited exclusively by any other nation to its own material advantage.

This relatively insignificant railway loan proved to be the critical incident to bring to a focus the international diplomatic game that powerful nations have been playing, with the vast, unknown Flowery Kingdom as the most mangnificent spoils at stake since the days that Rome was annexing practically all the world to pay it tribute.

Great Britain has been in the Chinese game with her gold. Germany has been working the military end, training and arming the Chinese soldiers. France had been let in as their helpful ally. The United States, standing for fair play, for the open door, for the best interests of China, was not to be let into the game. All the cards had been stacked for a three-handed deal, and this little loan, that practically marked the beginning of China's entrance on railway construction, and all the commercial progress to follow along the lines, was to be held closely between the three European countries.

This was the situation when President Taft instructed the American Ambassadors in Europe and the Chargé d'Affaires in Peking to lodge a protest and to demand this country's participation in whatever affected the welfare of our peaceful ally across the Pacific. The affair at once was lifted above a mere financial transaction into the realms of international diplomacy.

It was an unprecedented act for the Government at Washington to involve itself in the transactions of a group of private bankers, but President Taft held that the conditions warranted the move. The action of the Foreign Board indicates that the Chinese Government has turned toward America as its friend and believes in the disinterested policy of this country.

Peking's announcement that the American share of the loan for constructing the Hankow-Szechuen Railway was allowed by the Foreign Board is most gratifying to the State Department, not that the amount involved is sufficient to justify a spirit of jubilance, but because the American victory is considered the triumph of a principle.

During the summer of 1912 private fiscal agents of the Chinese Government secured pledges of a loan of sufficient size to tide the new Chinese Republic over the period of reorganization, without the aid of the so-called "six power" loan, and without submitting to the conditions of the powers.

Chinese Loans, neutral adviser proposed by the United States, 7664.

Chinook State.—A nickname for Washington (q. v.). (See also States.)

Chippewa Commission, report of, discussed, 5500.

Chippewa Indians. (See Indian Tribes.)

Chippewa Plains (Canada), Battle of.—On the morning of July 4, 1814, the entire American Army of the North advanced northward along the western bank of the Niagara River to a point near the mouth of the Chippewa. Here they were confronted by the British under Gen. Riall, who was reenforced during the night by the King's regiment from Toronto. On the afternoon and evening of the 5th a stubborn battle was fought. The British were defeated with a loss of 604. The American loss was 335. Gen. Scott distinguished himself for bravery and efficiency. Gen. Riall was wounded and taken prisoner. (See illustration opposite 691.)

Chippewa Reservations in Wisconsin, disposition of timber on, 5566.

Chippeway Indians. (See Indian Tribes.)

Chiriqui, Isthmus of, persons sent to, to make required examinations, referred to, 3192.

Chisholm vs. Georgia.—In 1792 Alexander Chisholm, of South Carolina, brought suit in the Supreme Court of the United States against the State of Georgia for the payment of a private claim, Chisholm's counsel claiming that section 2 of Article III. of the Constitution vested the court with jurisdiction in such cases. The court gave judgment to the plaintiff and issued a writ of inquiry, but the writ was never executed, the legislature of Georgia having passed an act making the execution of such a writ punishable by death. This case led to the adoption in 1798 of the eleventh amendment to the Constitution.

Cho-bah-áh-bish Indians. (See Indian Tribes.)

Choctaw Coal and Railway Co., act authorizing Oklahoma City, Okla., to issue bonds to provide right of way for, vetoed, 5571.

Choctaw Commission, proceedings of, referred to, 2129.

Choctaw Indians. (See Indian Tribes.)

Choctaw Nation, Ind. T., right of way for railroads across lands of, 4653, 4655.

Cholera (see also Contagious Diseases; International Sanitary Conference; Quarantine Regulations).

Causes of, report on, referred to, 4259.

International conference on subject of, at Rome, 4918.
International conference to be held at Constantinople upon subject of, referred to, 3576.
Representatives to foreign countries to report on progress, etc., of, appointed, 4898, 4902.
Report of, referred to, 5565.

Christian Indians. (See Indian Tribes.)

Christiana Case.—In 1851 Edward Gorsuch and a party from Maryland attempted to seize a fugitive slave in Christiana, Pa. A riot ensued in which Gorsuch was killed. Castner Hanway, an invalid Quaker, was arrested and charged with treason, riot, and bloodshed for refusing to assist a marshal in quelling the disturbance. No indictments were found, but the case created much excitement.

Christian Endeavor Society.— An organization of young persons who pledge themselves to devote a certain amount of time and effort to Christian duties and church activities. It was organized in 1881, in Portland, Me., by Rev. Francis E. Clark, and immediately spread to various sections of the country. At the present time, there are about 80,000 societies, largely in the United States and Canada, with a membership of some 4,000,000. In addition, there are some 20,000 similar societies under a different name. In 1885 there was organized the United Society of Christian Endeavor, and in 1895 the World's Christian Endeavor Union, for the purpose of coordinating the work of the various Christian Endeavor societies.

Christianity, Aggressive, discussed by President Wilson, 7995.

Christians, massacre of. (See Armenians.)

Christian Science. — The name given to a movement combining both religious and scientific theories, first conceived in 1866 and promulgated by Mrs. Mary Baker Eddy (1821-1910).

Christian Science theory falls into two great fields, that of the science of the Godhead and that of the science of man. God is conceived as entirely a spiritual personality not to be realized through the material sensations. The new attribute assigned by Christian Science to God is that of the Creative Principle of everything existent. Since God is truth and goodness, only good has been thus created by Him, and hence all forms of evil and illness have not the true existence which comes from Divine creation. Evil, then, is merely a denial of the truth created by God, as conceived in the material, or non-divine senses of man; and hence ceases to exist when man's mind becomes re-attuned to the spiritual actualities of existence. The complete elimination of unhappiness and the ultimate solution of the world's problems accordingly lie in the success of man in adopting a new mental attitude toward the universe and toward its Creator.

According to Christian Science teaching, Jesus is recognized as divine—being the mediator between sinning and suffering mortals and the divine truth, or God. The various so-called miracles of Jesus, accordingly, should not be considered as miracles, but as the normal success to be expected from the application of the doctrines of Christian Science. The divine inspiration and authority of the Bible are also recognized in Christian Science, as is prayer; and although the movement does not ally itself definitely with any creed or sect, yet it accepts the fundamentals of Christian theology.

At the present time there are some 1,500 Christian Science churches throughout the world. Instead of pastors, they utilize licensed "readers;" and the services consist of the reading of passages from the Bible which bear out the Christian Science doctrine and from the Christian Science text-book, the sermon being a lesson sermon. The organization of the various Christian Science churches is much like that of the Congregationalists, each church enjoying practical autonomy; but a preponderating influence is wielded by the so-called Mother Church of Boston, which was founded by Mrs. Eddy in 1879 and of which she was the pastor and pastor emeritus.

Christian Socialists. (See Socialism.)

Christmas Island.— An island, about nine miles long and nine miles wide, in the Indian Ocean some 200 miles southwest of Java. Its area is about 45 square miles and its population, about 2,000. The importance of the island is due to its most extensive deposits of phosphate of lime. Christmas Island belongs to Great Britain.

Chrystler's Fields (Canada), Battle of. —Nov. 11, 1813, Gen Wilkinson, with the main body of the American army, here fought a slightly superior force of British. The battle lasted 5 hours, victory alternately favoring one and then the other. Night ended the conflict, with the British in possession of the field. The Americans lost heavily, many officers being either killed or wounded. American loss, 339; British loss, 17 killed, wounded, and missing.

Chugach National Forest (Alaska):
Opening to occupation by railroads of 12,800 acres of, discussed, 7599.

Church and State.—The relation of the state to religious bodies in America differs from all previous relationships in Europe and the Colonies. Rhode Island, Pennsylvania, and Maryland provided for religious freedom early in their respective histories. Most of the Colonies established the Church of England, though Massachusetts and Connecticut maintained the Congregational. The Constitution guarantees religious freedom in all parts of the United States. Article VI. declares that "no religious test shall ever be required as a qualification to any office or public trust under the United States." The first amendment provides that "Congress shall make no law respecting an establishment of religion or prohibiting the free exercise thereof."

Churches. — Latest figures for the United States and its possessions indicate that in that area there are 233,834 churches, with 195,513 ministers, priests and rabbis, and 44,709,521 members. (For the number of communicants, see Religions in the United States.) There are 15,291,658 Sunday School pupils. The churches in the leading denominations number as follows:

Adventists	2,794
Baptists	57,734
North	9,542
South	24,564
Colored	16,842

Catholic, Eastern	475
Catholic, Roman	15,362
Christian Scientists	1,499
Congregationalists	6,106
Disciples of Christ	11,182
Evangelical	2,573
Friends	964
Jewish	1,769
Latter Day Saints (Mormons)	1,713
Lutherans	15,289
Methodists	62,783
Episcopal	28,360
African	6,000
Episcopal (South)	16,993
Presbyterians	16,298
Northern	9,784
Southern	3,437
Protestant Episcopal	8,134
Reformed	2,808
United Brethren	865
Unitarians	472

The estimate of the seating capacity of the above churches for 1906 was 58,536,830, their membership being slightly over 40,000,000 in 1916. The seating capacity was 69.2 per cent of the total population of the country in 1890 and 69.5 per cent in 1906. The average seating capacity for the Protestant churches was 317 and for the Catholic, 436.

The United States Census report for 1906 indicated that the value of the church property in the United States was $1,257,575,867. Of this amount, Baptists bodies accounted for $139,842,656; Congregationalist, $63,240,305; Lutheran, $74,826,389; Methodist, $229,450,996; Presbyterian, $150,189,446; Protestant Episcopal, $125,040,498; Roman Catholic, $292,638,787; Jewish, $23,198,925. The last figures gave $328,809,999 as the total annual expenditure of the churches for home purposes.

Churches and Church Property. (See Religious Establishments.)

Church of Latter-Day Saints. (See Mormon Church; Polygamy; and Utah.)

Churubusco (Mexico), Battle of.—Churubusco was a strongly fortified place near the City of Mexico. The American army, in two divisions, under Generals Worth and Twiggs, attacked the Mexicans under Gen. Santa Anna, Aug. 20, 1847, a few hours after the action at Contreras. The Americans numbered 8,000 and the Mexicans 25,000. Early in the engagement the garrison at San Antonio was routed. The hottest fighting took place along the Rio Churubusco, where for some time the Americans were threatened with defeat, but rallying they drove the Mexicans before them. Simultaneously were taken the tête-du-pont, or bridgehead (the key to Santa Anna's position), and the Pablo de Churubusco. The conflict lasted three hours. Including the casualties, the Mexican loss was 5,877. The Americans lost 1,015. See page 2147.

Churubusco (Mexico), Battle of, referred to, 2386.

Cimarron.—The name originally proposed for the northwestern part of Indian Territory, now Beaver County, Oklahoma. The strip of land lying between 36° 30′ and 37° north latitude and 100° and 103° west longitude was ceded by Texas to the United States in 1850. The name Cimarron is Spanish for "wild," and was applied to a tributary of the Arkansas River which had its source in the country. The strip was sometimes called "No Man's Land." Since between the years 1850, when it was added to the United States, and 1890, when it was made a part of Oklahoma, it was under no form of government and the resort chiefly of outlaws. Recently settlers from Kansas and Colorado have removed thither and taken up their abode.

Cincinnati Industrial Exposition, board on behalf of Executive Departments designated, 4819.

Instructions to, 4820.

Cincinnati, Society of the.—A society originated in 1783 by Revolutionary officers. At the second general meeting in 1787 Washington was chosen president-general and was reelected every three years while he lived. The membership rolls were open only to the officers and their eldest sons, though a number of French officers were included. The hereditary principle aroused popular jealousy. It was denounced by the Governor of South Carolina and the legislatures of Massachusetts, Pennsylvania, and Rhode Island. In 1784, at the solicitation of Washington, the society dropped the requirement of heredity, but the principle has since been reestablished and full membership is restricted to those having the hereditary right. A few distinguished men are admitted to honorary membership, but the number is strictly limited. President Monroe was an original member and President Pierce was a hereditary member. Presidents Jackson, Taylor, Pierce, Buchanan, Grant, Benjamin Harrison, Cleveland, McKinley, Roosevelt and Taft were made honorary members, as were ex-President Loubet of France, and Admiral Dewey, Lieutenant-Generals Miles and Chaffee.

The chief immediate objects of the society were to raise a fund for the relief of the widows and orphans of those who fell in the Revolutionary War and to promote a closer political union between the states. The number of living hereditary members of the Society of the Cincinnati as reported at the Triennial meeting in Newport, R. I., in June, 1911, was 981.

Cipher Dispatches.—The result of the presidential election of 1876 was for several months in doubt. During this period of uncertainty numerous telegraphic dispatches passed between the friends of Samuel J. Tilden, Democratic candidate for the presidency. The dispatches were in cipher and purported to be instructions to party workers in South Carolina, Oregon and Florida. Charges of fraud having been made these dispatches were ordered turned over to the Senate Committee on Privileges and Elections. A large number of them came into the possession of the New York "Tribune," which caused a sensation by publishing transcripts of them. Mr. Tilden in a letter emphatically denied all knowledge of them.

Cities.—Cities have existed since the dawn of civilization, but it is only within the last half-century that industrial developments have increased urban population to such an extent that in many countries more than half of the people may be considered city- or town-dwellers. The cities of ancient Greece were city-states, the boundaries of the city and of the state being identical, but the proportion of free citizens was very small in all Greek cities. In the Roman Empire, cities lost their identity largely as independent units, and became

merged within the Empire itself, although they still continued to perform functions of a purely local character.

Through the Dark and the Middle Ages, medieval cities were founded both as centres of commerce and as points of advantageous military defense, but it was not until the medieval system had died that city growth became marked. For instance, it is estimated that in 1500 Europe had only seven cities with a population above 100,000, whereas by 1600 the number had increased to fourteen. Nevertheless, it was not until the nineteenth century that the vast bulk of the population could no longer be considered agricultural.

Even in the United States, where natural resources were and are more available than in European countries, the urban population has increased from 30% in 1880 to more than 50% at the present time.

The congestion of the population into the cities as a result of the vastly increased scale of industrial production and commerce has created new problems which are distinctly those of the city, and which have created a demand for the reconstruction of a social and political structure planned originally for a civilization where the cities were outweighed in importance by the country-side. Problems of housing, of tenements, of vivid contrasts in well-being, of crime, of prostitution, of organized recreation, of vocational training, of more socialized and less academic curricula of education, of hours of labor, of opportunity for physical development, all these new problems presented by the increase in city life and the decrease in country life were merely accentuated by the Great War; and merely made more vivid the need for general social, political and industrial reconstruction.

Cities in the United States and Great Britain perform functions assigned to them through the granting of charters from the states or central government, to which they are accordingly subservient; whereas upon the Continent of Europe cities generally perform all fitting functions not otherwise and expressly reserved for the jurisdiction of the central state.

According to the dates indicated, the largest cities of the world are as follows:

London, England (1921)	7,476,168
New York, United States (1920)	5,621,151
Paris, France (1921)	2,863,741
Chicago, United States (1920)	2,701,705
Petrograd, Russia (1915)	2,318,645
Tokio, Japan (1920)	2,173,162
Berlin, Germany (1919)	1,902,509
Vienna, Austria (1920)	1,842,005
Philadelphia, United States (1920)	1,823,158
Buenos Ayres, Argentina (1914)	1,575,814
Hankow, China (1918)	1,443,950
Osaka, Japan (1920)	1,252,972
Calcutta, India (1911)	1,222,313
Constantinople, Turkey (1912)	1,203,000
Buda-Pest, Hungary (1921)	1,184,616
Rio de Janeiro, Brazil (1920)	1,157,873
Moscow, Russia (1919)	1,121,000
Mexico City, Mexico (1910)	1,080,000
Peking, China (1917)	1,000,000
Shanghai, China (1918)	1,000,000
Detroit, United States (1920)	993,739
Hamburg, Germany (1919)	985,779
Bombay, India (1911)	979,445
Montreal, Canada (1920)	970,000
Canton, China (1918)	900,000

The population of our largest cities as shown by the 1920 census, together with their rate of increase since 1910 and their area, is as follows:

City	*Population*	*Increase*	*Square Miles*
New York, N. Y.	5,621,151	18%	327
Chicago, Ill.	2,701,705	24	199
Philadelphia, Pa.	1,823,158	18	129
Detroit, Mich.	993,739	113	76
Cleveland, O.	796,836	42	57
St. Louis, Mo.	772,897	12½	61
Boston, Mass.	748,060	12	48
Baltimore, Md.	733,826	31	31
Pittsburgh, Pa.	588,193	10	42
Los Angeles, Cal.	576,673	81	365
San Francisco, Cal.	508,410	22	47
Buffalo, N. Y.	506,775	20	42
Milwaukee, Wis.	457,147	22	26
Washington, D. C.	437,571	32	69
Newark, N. J.	414,216	19	23
Cincinnati, O.	401,247	10	72
New Orleans, La.	387,219	14	198
Minneapolis, Minn.	380,582	26	53
Kansas City, Mo.	324,410	31	63
Seattle, Wash.	315,652	33	95
Indianapolis, Ind.	314,194	34½	42
Jersey City, N. J.	297,864	11	19
Rochester, N. Y.	295,750	36	33
Portland, Ore.	258,288	25	66
Denver, Colo.	256,369	20	59
Toledo, O.	243,109	44	32
Providence, R. I.	237,595	6	18
Columbus, O.	237,031	31	23
Louisville, Ky.	234,891	5	26
St. Paul, Minn.	234,595	9	55
Oakland, Cal.	216,361	44	60
Akron, O.	208,435	202	32
Atlanta, Ga.	200,616	30	27
Omaha, Neb.	191,601	54	38
Worcester, Mass.	179,754	23	38
Birmingham, Ala.	178,270	34	52
Syracuse, N. Y.	171,717	25	19
Richmond, Va.	171,667	34½	26
New Haven, Conn.	162,519	22	22
Memphis, Tenn.	162,351	24	20
San Antonio, Tex.	161,379	67	36
Dallas, Tex.	158,976	73	24
Dayton, O.	152,559	31	17
Bridgeport, Conn.	143,538	41	15
Houston, Tex.	138,076	75	33
Hartford, Conn.	138,036	40	17

Cities, plan to make Washington the model for, 6902.

Citizen Genêt. —In 1793, the newly-created French Republic dispatched its ambassador to the United States, who, because his country had abolished all titles of nobility and had dignified all its people by the title of "Citizen," was known as Citizen Genêt. Genêt had previously been minister to Russia.

In 1793, France and England were at war, and Genêt used every possible method to draw the United States into the conflict as the ally of its former ally. It was considered that Spain was about to cast in her lot with that of England, and Genêt would have been successful if he could have stirred up a quarrel between Spain and the United States.

Accordingly, in 1794, he put on foot three expeditions to seize Louisiana and Florida from Spain. In the first two attempts his money did not materialize, and he was discredited.

The third expedition, however, promised to become more serious, as George Rogers Clark, the hero of the Northwest, offered his services to Genêt in the attempt to wrest Louisiana and Florida from Spanish rule. Clark was actually commissioned an officer of the French army. For a time, the government at Washington had winked at these efforts, as it was entering upon negotiations with Spain for the Louisiana Territory, and considered that the negotiations would not be harmed by Spain's realization that her territory was in actual danger of invasion by her enemies. Finally, however, the threat became so serious that President Washington was considering taking steps to thwart Genêt's plans, when the French minister's own home government altered its policy, and gave instructions to Genêt to abandon his plans. But Spain had seen the danger confronting her defenseless territory in North America, and the negotiations for the purchase of Louisiana, were hastened and helped by Genêt's activities.

Genêt's reception in this country in 1793 had been in the nature of an enthusiastic welcome, and had so eclipsed his shrewder sense that he believed that he could defy the President. Washington had laid down certain rules which were to govern the extensive fitting out of privateers in this country by Genêt; but Genêt finally disregarded completely the assurances he had given that Washington's orders would be met. Washington immediately countered, much to the surprise and humiliation of the Frenchman, by informing his home government that his actions had rendered him persona non grata to the American government and requesting his recall. Genêt, in the meantime, had become persona non grata also to the radical revolutionists who by this time had gained control of the French Revolution, so that execution for treason was in all probability awaiting him when he should return to his native country.

Under the circumstances, Washington permitted the dismissed minister to remain in this country, where, completely disillusioned, he settled down to a peaceful existence. He later married a daughter of Governor Clinton, of New York, where he lived to enjoy a ripe old age.

Citizens of United States:

Aid furnished Cubans by, 6284.
Appropriation for relief of, abroad in certain cases recommended, 4145.
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  Militia called forth to protect, 1620.
Captured by army of Mexico, 1944, 2010.
  Liberated, 2050.
Claims of, against—
  Foreign powers, belligerent, 253. (See also the several Powers.)
  United States. (See Private Claims; War Claims.)
Condemned to death in Cuba, 4690.
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Destitute in—
  Colombia, order for transportation of, to United States, 5437.
  Cuba, appropriation for, 6256.
    Recommended, 6248.
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Detained as British prisoners of war, 6681.
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Emigration of, to Turkey for purpose of acquiring lands referred to, 3661.
Estates of deceased, in Cuba referred to, 2893, 2894.
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  Jurisdiction of Mexico, 2180, 2198, 3044, 3120.
  Prussia, 3123.
Forbidden to sell goods in Mexico, 2115.
Illegally taken from United States by the English, 485.
Impressed into military service of foreign countries. (See Naturalized Citizens.)
Imprisonment of, abroad. (See Imprisonment.)
Imprisonment of, by army officers referred to, 4009.
In Europe, passports for, 7966, 8169.
Injuries inflicted upon, in Turkey discussed, 6090, 6147.
Injuries sustained by, in Mexico 2869, 3043, 3094, 4143.
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  Mexico, 2323, 2383, 3175.
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Passports used by, in France referred to, 3902.
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Privileges accorded, in Turkey discussed, 4920.
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  Confiscated in Cuba, 4019, 4022, 4023.
  Destroyed in Spain, 372, 376, 682.
  Destroyed in China, 4823.
  Protected in South Africa, 6371.
  Seized or destroyed in Mexico, 2323, 3044, 3096, 3120.

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Relief for, stranded in Europe as result of war, 7961, 7962.
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Compensation for services rendered recommended, 1123.
Rights of—
Abroad discussed, 3381, 6917.
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Violated by Spanish authorities, 2770.
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Should not wage private war, 358, 392.
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By Great Britain referred to, 3718.
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Citizenship. (See Naturalization.)

Citizenship:
In America, meaning of, analyzed by President Wilson, 8066.
Requirement of, waived in special case, 8175.

Citizenship Bureau, State Department. —This bureau was established by Secretary of State Elihu Root, on order of May 31, 1907, as an expansion of the Passport Bureau (which had been organized in 1870) since its work had outgrown the mere supervision over the issuance of passports. Its Chief is "authorized and empowered to receive and attest all oaths * * * in passport cases." The Bureau also examines applications for passports, issues them, conducts correspondence concerning them, receives and files "duplicates of evidence of registration, or other acts * * * in reference to the expatriation of citizens and their protection abroad," keeps records and conducts correspondence relative to the records. The Citizenship Bureau is also custodian of the seal of the department. (See State Department.)

City Planning. — The designing of cities most satisfactorily to meet the public needs, social as well as physical. City planning would utilize the natural advantages of a city so as to plan systematically its future development, assigning to each element in the city's life the place which will best serve both itself and the city.

Aside from Germany, where city planning has become much of an exact science, has drawn unto itself a trained body of experts and of accepted principles, and is utilized generally by the municipalities, the movement is distinctly a movement of the twentieth century.

In the United States, the newness of the country would have allowed extensive and careful planning of its cities, had not their industrial growth been so rapid that little attention could be given to other than problems of mere space and size. Interest in city planning really dates in this country from the World's Fair in 1893, and to-day there are few cities of importance in the country without their city planning commissions, busily at work to provide most efficiently for future development, instead of allowing it merely to happen without guidance. Washington is the best example, probably in the world, of how a city may be planned before it is built; while many of the large European cities, notably Paris and Vienna, are excellent examples of what may be done for even very old cities. After the Great Fire in London, Sir Christopher Wren drew up an extensive and adequate plan for the rebuilding of the city, but the city preferred to re-build in much the previous fashion, without improving its layout—an example which has been followed, unfortunately, by many American cities, notably Baltimore and San Francisco.

It must not be thought that city planning is concerned with only the esthetic development of the city. It rather touches every important phase of the city's activities. For instance, an adequate city plan would embrace the transportation problem, so that workers might live on land not valuable for business purposes and on which their rents would accordingly be low, and yet which would be near enough and available to their places of employment. In an adequate city plan would be included the problem of terminals, so that the foodstuffs and other transported commodities and freight might be handled with the minimum delay and expense. An adequate city plan would provide for certain radial streets, so that the distance between points might be lessened from the route now made necessary by the exclusively rectangular plan of most of our cities. An adequate city plan would provide for the elimination of slums, for the extension of parks and playgrounds, for the water and sewage systems, and for the highest efficiency obtainable from the given physical conditions.

New York City represents interesting phases of the city planning movement by its zone system, which has divided the city into zones, with different building regulations for each zone; and by its so-called "Saving New York" movement, which re-directed certain garment manufacturing establishments which had been threatening to absorb one of the city's most artistic and convenient retail mercantile sections.

City Manager Form of Municipal Government. (See Commission Form of Government.)

Civic Federation.—A national organization of prominent representatives of capital, labor, and the general public formed as the direct outgrowth of conventions held in Chicago and New York in 1900-1901. Its

purpose is to organize the best brains of the nation in an educational movement seeking the solution of some of the great problems related to social and industrial progress; to provide for study and discussion of questions of national import; to aid thus in the crystallization of the most enlightened public opinion; and when desirable, to promote legislation in accordance therewith.

Civil Law.—The state or national rule of conduct governing civil rights and duties in contradistinction to military rights and duties. Civil law governs persons and property except in time of war, when military rule takes its place.

Civil Rights:

Acts regarding, vetoed, 3603.
Enactment of law to better secure, recommended, 4209.
Supreme Court decision regarding, referred to, 4775.
Violations of, referred to, 3666.

Civil Rights Act.—A law passed by Congress April 9, 1866, over President Johnson's veto, placing the negro on the same civil footing as the white man (page 3603). It provided that all persons born in the United States and not subjects of any foreign power, excluding Indians not taxed, were to be recognized as citizens of the United States. The violation of the law was made a misdemeanor to be considered by the Federal courts alone.

A long controversy ensued over the constitutionality of this law. The fourteenth amendment was framed in accordance with it (page 29), and in 1875 more stringent measures were passed to secure the civil rights of the negro. In June, 1883, a number of cases were brought before the United States Supreme Court on certificates of division from the circuit courts of Kansas, California, Missouri, New York, and Tennessee. They were, respectively, United States *vs.* Stanley, United States *vs.* Ryan, United States *vs.* Nichols, United States *vs.* Singleton, and Robinson and Wife *vs.* Memphis and Charleston Railroad Co. The cases against Nichols and Stanley were on indictments for refusing the privileges of a hotel; against Singleton and Ryan for refusing admission to a theater. Robinson brought suit against the railroad company for refusing his wife, a colored woman, the privileges of the ladies' car on the Memphis and Charleston Railroad. In the latter case, as well as that of Ryan, judgment was given for the plaintiff on the ground of violation of the first and second sections of the fourteenth amendment to the Constitution. In the other cases the court declared certain provisions of the civil rights act of 1875 null and void and judgment was rendered for the defendants.

Civil Rights Bill.—An act passed by Congress in 1866 assuring citizenship to all citizens regardless of race or color, or previous condition of servitude.

Civil Rights Bill.—An act of Congress approved March 8, 1918, chiefly providing that—

1—In all actions in all courts, the plaintiff must file an affidavit showing that the defendant is not in the military service of the United States; otherwise, no judgment may be entered without an order of court, which shall not be granted if the defendant is in military service until the court has appointed an attorney to represent the defendant's interests, as the court is required to do on application. No such attorney, however, has the right to waive any rights of such person in such service nor to bind him by the attorney's acts. In the discretion of the court, any action by or against any person in military service, on its own motion, may be delayed; and must be delayed on application, unless the court is satisfied that the interests of such person in the military service will not be injured in such case because of his service. No fines may be assessed for failure to live up to a contract by the terms of that contract if the person to be penalized has been unable to fulfill his obligations because of military service. Similarly, the court may stay the execution of any judgment or attachment, etc., against any person in the military service of the United States.

2—No eviction shall be made during the period of military service for which the agreed rent does not exceed $50 per month occupied chiefly by dependents of such person in service, except upon leave of court granted where right of possession is involved. Except by action of a court, no person shall terminate a contract on which a deposit or partial payment has been made by a person in such service, but the court may void the contract after ordering such deposits or payments to be refunded or may otherwise dispose of the case for the best interests of all concerned.

3—In cases of insurance policies, etc., not exceeding a total face value of $5,000, where the contract was made and a premium paid before September 1, 1917, but only upon application sent to the insurer by the insured on a form furnished according to regulations of the Secretary of the Treasury and of which a copy has been sent to the Bureau of War Risk Insurance, and only when the premium was due and unpaid for less than a year from the date of such application—no policy shall lapse which had not lapsed before the commencement of military service on the part of the insured and this provision shall extend for one year after the end of the war. The United States pays monthly to each insurance company under this act bonds to recompense it for the premiums unpaid by the insured under the provisions of this act, receiving in return a first lien upon such insurance policies to the amount forwarded by the United States, after liens existing at the time of such payment for such unpaid premium. The terms of this section of the act apply for one year after the end of the military service of the insured.

4—When a person in military service, or his agent, shall file an affidavit showing that his ability to pay taxes upon real property has been materially affected by such service, no proceeding against the property may be taken to collect such taxes, except by the leave of the court having jurisdiction. When by law such property may be sold for taxes, such person in military service may institute actions to redeem it within six months after the end of his service. Similar provisions protect settlers and applicants for Lands Public, Desert and Homestead (q. q. v.).

Civil Service.—Jan. 16, 1883, Congress passed what is known as the civil service law. This act established the United States Civil Service Commission, to be composed of three members, not more than two of whom should be adherents of the same political party.

Purpose of the Act.—The act itself is a mere outline of its purposes, but for its amplification it provides for rules to be promulgated by the President, such rules to be equally binding with the statute upon

the heads of Departments and offices, as well as upon the Commission. The fundamental purpose of the law and rules is to establish in the parts of the service within their provisions a merit system whereby selection for appointments shall be made upon the basis of demonstrated relative fitness without regard to political considerations.

Classification.—To carry out this purpose a plan of competitive examinations is prescribed. The term "classified service" indicates the parts of the public service within the provisions of the civil service law and rules requiring appointments therein to be made upon examination and certification by the Commission. The term "unclassified service" indicates the parts of the service which are not within those provisions, and therefore in which appointments may be made without examination and certification by the Commission.

Presidential Appointments.—Under the terms of the law positions outside the executive branch of the Government, positions to which appointment is made by the President and confirmed by the Senate, and positions of mere unskilled manual labor are not required to be classified. With these limitations, the President is authorized to direct from time to time, in his discretion, the heads of Departments and offices to extend the classified service. The civil service law and rules do not give to the Commission any power of appointment and removal; that power is left where it was prior to such law, namely, in the President and heads of Departments.

Department Appointees.—Upon requisition of an appointing officer the Commission provides eligibles secured as the result of competitive examinations; from the eligibles thus provided the appointing officer makes selection and appointment. When the Commission certifies three eligibles for any particular position, the appointing officer has absolute discretion in making selection and appointment from such eligibles, except that the rules require that selection shall be made without regard to political considerations. When certification is made the Commission's duty ends so far as an appointment is concerned, except, of course, it is charged with investigating and reporting any irregularity of appointment or removal. A vacancy in the classified service may be filled either by original appointment upon examination and certification by the Commission, as explained, or by transfer or promotion from certain other positions in the classified service, or by reinstatement of some person within one year from the date of his separation if separated without delinquency or misconduct. For a larger part of the positions in the classified service the Commission holds examinations on regular schedule dates throughout the country. No information can be given prior to their announcements as to when such examinations will be held or as to their scope and character. They are, however, always announced in the public press.

Examinations.—The act requires the rules to provide, as nearly as the conditions of good administration will warrant, for open competitive practical examinations for testing the fitness of applicants for the classified service; for the filling of all vacancies by selections from among those graded highest; for the apportionment of appointments at Washington among the states upon the basis of population; for a period of probation before absolute appointment; that no person in the public service shall be obliged to contribute service or money for political purposes; that persons in the competitive service, while retaining the right to vote as they please or to express privately their political opinions, shall take no active part in political campaigns; and that no person in said service has any right to use his official authority or influence to coerce the political action of any person or body.

Provisions of the Rules.—The act requires the rules to provide, as nearly as the conditions of good administration will warrant, for open competitive practical examinations for testing the fitness of applicants for the classified service; for the filling of all vacancies by selections from among those graded highest; for the apportionment of appointments at Washington among the states upon the basis of population; for a period of probation before absolute appointment; that no person in the public service shall be obliged to contribute service or money for political purposes; that persons in the competitive service, while retaining the right to vote as they please or to express privately their political opinions, shall take no active part in political campaigns; and that no person in said service has any right to use his official authority or influence to coerce the political action of any person or body.

Extent of the Service.—The latest figures show the number of civil service employees as follows:

Competitive—	
In Washington	30,020
Outside Washington	266,906
Non-Competitive and Excepted—	
In Washington	1,334
Outside Washington	124,093
Unclassified—	
In Washington	3,130
Outside Washington	25,639
Isthmian Canal Service	18,230
Total	469,352

Salary expenditure in the Executive Civil Service is over $200,000,000 a year. The Civil Service act does not require the classification of persons appointed by the President and confirmed by the Senate, or of persons employed merely as laborers or workmen. Many positions are excepted in part from the provisions of the rules for various reasons.

Applications.—Persons seeking to be examined must file an application blank. The blank for the Departmental Service at Washington, Railway Mail Service, the Indian School Service, and the Government Printing Service should be requested directly of the Civil Service Commission at Washing. The blank for the Customs, Postal or Internal Revenue Service should be requested of the Civil Service Board of Examiners at the office, where service is sought.

Applicants for examination must be citizens of the United States, and of the proper age. No person using intoxicating liquors to excess may be appointed. No discrimination is made on account of sex, color or political or religious opinions. The limitations of age vary with the different services, but do not apply to any person honorably discharged from the military or naval service of the United States by reason of disability resulting from wounds or sickness incurred in the line of duty.

Examinations.—The examinations are open to all persons qualified in respect to age, citizenship, legal residence, character and health. During the fiscal year ended June 30, 1917, 212,114 persons were examined for 326,899 competitive positions. The examinations were passed by 122,280,

or 58 per cent. The appointments numbered 86,312, or 70½ per cent of the number that passed those examinations.

More recent figures show 551,391 persons examined in the course of the year, of whom 387,963, or 70½ per cent passed. Appointments were given to 213,530, or 55 per cent of those who passed.

Appointments.—In case of a vacancy not filled by promotion, reduction, transfer or reinstatement, the highest three of the sex called for on the appropriate register are certified for appointment, the apportionment being considered in appointments at Washington. In the absence of eligibles, or when the work is of short duration, temporary appointments, without examination, are permitted. The number of women applying for ordinary clerical places is greatly in excess of the calls of appointing officers. The chances of appointment are good for teachers, matrons, seamstresses and physicians in the Indian Service, for male stenographers and typewriters, draughtsmen, patent examiners, civil, mechanical and electrical engineers, and for technical and scientific experts.

Preference Claimants. — Persons who served in the military or naval service of the United States, and were discharged by reason of disabilities resulting from wounds or sickness incurred in the line of duty, are, under the Civil Service rules, given certain preferences. They are released from all maximum age limitations, are eligible for appointment at a grade of 65, while all others are obliged to obtain a grade of 70, and are certified to appointing officers before all others. Subject to the other conditions of the rules, a veteran of the rebellion or of the war with Spain, or the widow of any such person, or any army nurse of either war, may be reinstated without regard to the length of time he or she has been separated from the service.

Insular Possessions.—Examinations are also held for positions in the Philippines, Porto Rico and Hawaii, and also for the Isthmian Canal service.

The Unclassified Service.—Under an executive order unclassified laborers are appointed after open, competitive examination upon their physical condition. This action is outside the Civil Service act.

Publications of the Commission.—The Commission publishes the following:

Manual of Examinations, giving places and dates of examinations, rules by which papers are rated, descriptions of examinations, specimen questions and general information.

The Civil Service act and rules.

Civil Service (see also Government Service):
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The number and the location of the federal civil service positions, by recent reports, were as follows:

(Reported by The Civil Service Commission.)

Department and Subdivision of the Service	Classified Competitive	Excepted and Non-Competitive	Unclassified	Presidential	All other	Total
In Washington, D. C.						
White House	....	36	3	....	39	39
State Department	195	79	4	5	278	283
Treasury Department	7,569	58	616	26	8,243	8,269
War Department	2,144	28	87	7	2,259	2,266
Navy Department	1,251	9	2	2	1,262	1,264
Post Office Department[1]	1,479	13	84	6	1,576	1,582
Department of the Interior	4,561	151	279	44	4,991	5,035
St. Elizabeth's Hospital[3]	828	3	....	....	831	831
Miscellaneous[2]	135	....	74	....	209	209
Department of Justice	256	300	36	857	592	1,449
Department of Agriculture	3,889	408	370	3	4,667	4,670
Department of Commerce and Labor[4]	2,217	13	739	21	2,969	2,990
Interstate Commerce Commission	762	133	23	10	918	928
Civil Service Commission	204	....	6	5	210	215
Bureau of Efficiency	26	....	....	1	26	27
Smithsonian Institution and Bureaus	458	5	321	....	784	784
State, War, and Navy Department Building	116	1	100	....	217	217
Isthmian Canal Commission	126	15	12	....	153	153
Government Printing Office	3,648	5	374	1	4,027	4,028
Federal Trade Commission	156	77	....	5	233	238
Total	30,020	1,334	3,130	993	34,484	35,477
Outside Washington, D. C.						
Treasury Department:						
Assistant Custodian and janitor service and contingent force on public buildings	2,549	51	2,827	....	5,427	5,427
Mint and Assay Service	710	30	140	16	880	896
Sub-Treasury Service	408	....	2	9	410	419
Public Health Service[5]	1,954	1,369	129	192	3,452	3,644
Life-Saving Service[6]	46	....	....	....	46	46
Customs Service	5,721	225	522	109	6,468	6,577
Internal Revenue Service[7]	3,077	1,772	6	64	4,855	4,919
Miscellaneous	176	250	6	....	432	432
War Department:						
Quartermaster Corps	4,852	1,179	2,709	....	8,740	8,740
Ordnance Department at large	3,941	89	1,168	....	5,198	5,198
Engineer Department at large	8,318	905	6,087	....	15,310	15,310
Miscellaneous	1,033	673	720	....	2,426	2,426
Navy Department:						
Exclusive of trades and labor positions	3,175	15	1	....	3,191	3,191
Trades and labor positions[8]	20,000	....	5,000	....	25,000	25,000
Post Office Department[9]:	520	....	....	....	520	520
Post Offices, except fourth-class postmasters[10]	76,830	97,466	1,574	9,175	175,870	185,045
Fourth-class postmasters	46,796	....	....	....	46,796	46,796
Rural Carrier Service	42,749	....	....	....	42,749	42,749
Railway Mail Service	20,989	....	....	....	20,989	20,989
Department of the Interior:[11]						
Land Service	1,033	24	14	210	1,071	1,281
Pension Agency Service	....	4,521	....	....	4,521	4,521
Indian Service	2,436	4,480	855	6	7,771	7,777
Reclamation Service	3,304	6	4	....	3,314	3,314
Miscellaneous	522	353	18	7	893	900
Department of Justice	656	1,907	7	176	2,570	2,746
Department of Agriculture	8,211	5,026	839	....	14,066	14,066
Department of Commerce and Labor:	....	204	....	....	204	204
Lighthouse Service	2,993	2,416	1,195	....	6,604	6,604
Immigration Service	1,366	214	173	8	1,753	1,761
Steamboat Inspection Service	314	6	....	10	320	330
Miscellaneous	52	804	1,643	....	2,449	2,449
Interstate Commerce Commission	1,290	25	....	....	1,315	1,315
Civil Service Commission	35	....	....	....	35	35
Isthmian Canal Commission	860	83	....	....	943	943
Total	266,906	124,093	25,639	9,982	416,638	426,620
Grand Total of table	296,926	125,427	28,769	10,975	451,122	462,097
Isthmian Canal Commission, unclassified, and excepted working force on June 30, 1913[12]	.....	.....	.....	.....	.....	18,230
Grand Total	.....	.....	.....	.....	.....	480,327

1. These figures furnished by the Post-office Department.

2. Presidential appointments under this heading consist of the recorder of deeds,

Amendments to rules regarding, 5465, 5466, 5542, 5610, 5948, 5954, 5955, 6040.
Discussed, 5882.
Recommended, 4527.
Time for, extended, 5462.
Discussed, 5488.
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Record of efficiency of persons in, 5642.
Recommended, 5615.
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Report on, discussed, 4588.
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Rules and regulations revised, 6803, 6892.
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Cleveland, 4897, 4899, 4901, 4903, 4906, 5078, 5080, 5157, 5160, 5329, 5350, 5353, 5429, 5831, 5832, 5866, 5945, 5950, 6030, 6040, 6046, 6057, 6131, 6230, 6233.
Grant, 4111, 4134, 4183, 4184.
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Army bodies sent to Europe, 8262.
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Council of National Defence positions, 8253.
General cases, 8225.
Training camp activities, 8376.
War Veterans' appointments, 8700, 8701.
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Tenure of office in, 7755.

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Operations of, discussed, 7549.
Report of, transmitted and discussed, 4217, 4588, 4792, 4863, 4948, 4974, 5201, 5399, 6182.
Rules adopted by (see also Civil Service)—
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Extension of, order regarding, 4238.
For government of Light-House Service, referred to, 4238.
Salaries of Commissioners, increase asked in, 4949, 5113, 7010.

register of wills, 2 assistants, 19 bureau officers, the Indian alloting agent, 10 members of the Board of Indian commissioners, and 9 members of the board of visitors to St. Elizabeth's Hospital.

3. Name changed from Government Hospital for the Insane in 1916.

4. It has not been practicable to separate the statistics for the Departments of Commerce and Labor.

5. Presidential appointees in the Public Health Service are the Surgeon-General and his assistant, 13 senior surgeons, 70 surgeons, 70 assistant surgeons, and 37 passed assistant surgeons.

6. The figures under this head include only those appointees who were not under the jurisdiction of the Navy and War Departments.

7. Positions of deputy collectors (550 in number) have been transferred from the excepted to the competitive class in accordance with the provisions of the tariff law of October 3, 1913.

8. By an Executive order of December 7, 1912, all artisan and supervisory artisan positions under the jurisdiction of the Navy Department were included in the competitive classified service; but no occupant of such a position may be classified unless he has established his capacity for efficient service or has been examined and found qualified by the Labor Board. The total number of these employees was estimated by the department at 25,000 on June 30, 1912, and at 20,000 on June 30, 1913, of whom about 5,000 are mere unskilled laborers.

9. Post-office inspectors, 420; clerks at headquarters, division of postoffice inspectors, 100.

10. By Presidential order, taking effect on April 1, 1917, all post-office appointments, as the positions become vacant, are placed in the classified civil service.

11. Presidential appointees in the Interior Department are: Field service, 99 registers and 96 receivers of land offices, 13 surveyors general, the governors of Alaska and Hawaii, the Secretary of Hawaii; 6 miscellaneous in the Indian Service; 3 members of the Alaskan Engineering Commission; and 1 mine inspector for Alaska.

12. Only changes in the force of canal employees subject to examination are included in the body of this table.

Civil War.—A four years' military conflict between the United States Government and the states adhering to it, on the one side, and the Confederate States Government (composed of the States of South Carolina, Mississippi, Florida, Alabama, Georgia, Louisiana, Texas, Virginia, Arkansas, North Carolina and Tennessee) on the other. There was behind the war a constitutional struggle between the North and South, beginning nearly at the time of the formation of the Union and involving principles of politics, differences of origin and climate, of soil and social conditions, and the general circumstances of peoples who had been steadily drawing apart from the period when by the sword and self-sacrifice they had achieved a common liberty. The contest was unique among modern civil wars, and no ancient conflict between the members of a confederacy of republics was comparable with it, either in the magnitude of the questions involved or in the extent of the operations in the field and the results finally attained. While slavery was the apparent cause, or rather, it should be stated, the occasion, of the war between the states, the real causes were a combination of things inherent in the population, the nature of their surroundings, the structure of their Government, as well as the conditions of life and the objects and aims of a society not homogeneous but variant in many important respects.

From the beginning of colonization in America these differences appeared. The bond, slender in the colonial wars, was scarcely strengthened at the outset of the Revolution, and had distinctly lessened, except among the more cultivated classes, in the years immediately succeeding the peace of 1783. Jealousies between the New England and some of the Southern States well-nigh prevented a permanent union. In the Federal Convention of 1787 it required much mutual concession to avoid a dissolution of the feeble bonds of union. The Constitution as adopted lacked guaranties of perpetual peace and amity between the sections, but the amendments soon afterwards ratified reasonably satisfied the discontent. Discussions in all the early Congresses after the adoption of the Constitution are full of expressions of doubt as to the perpetuity of the federation, uttered by eminent men from New England as well as from other sections, many of whom had been prominent in the work of establishing the new frame of government.

The assertion of state sovereignty was not confined to any one section or party, though it has been the custom to assign to the old Republican (now the Democratic) party the origination of this doctrine. The two sets of resolutions of Kentucky and Virginia, adopted in the years 1798 and 1799, which were attributed on good evidence to Jefferson and Madison, respectively, declared the fundamental principles of states rights as clearly and as boldly as they were ever proclaimed at any subsequent period. The report written by Madison and presented to the Virginia legislature has often been referred to as the ablest official exposition of the doctrine that the state is the creator and sovereign component of the Union, and that it may on sufficient grounds withdraw from the compact, the latter having already been infracted and made of no binding effect. It is true that Mr. Madison subsequently denied that this construction could be placed upon the argument in the report. From 1803, the date of the acquisition of the Louisiana territory, to 1811, when the State of Louisiana was admitted into the Union, many New England public men and writers, opposed to the extension of the Union, especially on the ground that it seemed to involve the extension of slavery, sometimes avowed secession sentiments. Josiah Quincy, in a speech in Congress in 1811, used the threat that the New England States would withdraw in a certain contingency, "peaceably if they can, forcibly if they must." Again, this doctrine of a separable union was advanced by the Hartford Convention (q. v.) in 1814, called by some of the New England States to protest against the continuance of the War of 1812 with Great Britain. When the question of admitting Missouri into the Union as a slave state (1817-1821) was being discussed, threats of disunion if she were refused admission were heard, this time proceeding from the South. In 1828 Congress passed a stringent tariff measure following the protective act of 1824. This was deemed by South Carolina inimical to her business interests. The state legislature called a convention and passed an ordinance of nullification (q. v.), which, however, she subsequently rescinded. As the question of slavery began to overshadow that of the tariff, Northern extremists, called by some "Abolitionists," contended for the overthrow of human bondage, although the Constitution conferred on Congress no power over the domestic institutions of the states for the admission of new states. The first struggle occurred on the right of petition. Applications for the admission of new states organized from the public domain added fuel to the fire on both sides of the controversy. The occupation of the territories by slavery and anti-slavery partisans kept the people there in a constant state of turmoil bordering on civil war. In the midst of this the John Brown raid (q. v.) occurred.

In 1860, after Lincoln was elected President on a platform of resistance to the extension of slavery, South Carolina, through her legislature, called a state convention which, on Dec. 20, 1860, declared that the state was no longer in the Union. Similar action was taken during that winter and the following months by Mississippi, Florida, Alabama, Georgia, Louisiana, Texas, Virginia, Arkansas, North Carolina and Tennessee. Feb. 4, 1861, delegates from the states that had by that date seceded met at Montgomery, Ala., and organized the government of the Confederate States of America. The forts, military supplies and provisions within the seceded states were seized, generally with little opposition until the attack on Fort Sumter, in Charleston Harbor, S. C. The war began, so far as military operations were concerned, with the effort of the Government at Washington to relieve the garrison at Fort Sumter and the firing upon that fort by order of the Confederate government. This event practically ended with the surrender of Gen. Robert E. Lee, commander of the Confederate forces, at Appomattox, Va., April 9, 1865, and the subsequent surrender of the armies of Gen. Joseph E. Johnston in North Carolina and of Gen. E. Kirby Smith beyond the Mississippi River.

As clear a view of the position and attitude of the United States in the war as could be obtained in a few words from an official document is to be derived from the "memorandum" of Secretary of State William H. Seward in regard to the letter addressed to him by the Confederate Commissioners Forsyth and Crawford. Although filed earlier, it was delivered April 8, 1861. In it the fact was stated that

President Lincoln coincided generally with the views expressed by the Secretary of State. Frankly confessing, he said, that his understanding of recent events (meaning the attempted secession of the Southern States) was very different from the aspect in which they were presented to Messrs. Forsyth and Crawford, he proceeded, in the third person, to say that "he saw in them not a rightful and accomplished revolution, and an independent nation, with an established government, but rather a perversion of a temporary and partisan excitement to the inconsiderate purposes of an unjustifiable and unconstitutional aggression upon the rights and the authority vested in the Federal Government, and hitherto benignly exercised, as from their very nature they always must so be exercised, for the maintenance of the Union, the preservation of liberty, and the security, peace, welfare, happiness and aggrandizement of the American people." Disavowing any authority to recognize the commissioners as diplomatic agents, or hold correspondence or other communication with them, Mr. Seward brought the memorandum to a close. President Lincoln in his first inaugural address combated the ideas of the Confederates and held that the states in the Union were in an analogous case with the counties in the states. He believed in the right of coercion, and as to slavery he is quoted as saying that he would save the Union "with or without slavery."

The best official exposition of the views of the Confederate people is perhaps to be collected from the constitution of the Confederate States and from the inaugural address and messages of their President. Their constitution was professedly based on the principles of the Federal Constitution of 1787, with the amendments to the same. Its preamble, however, in order to put at rest all argument or dispute, contained the pregnant words, "each state acting in its sovereign and independent character." It was expressly declared that no duties or taxes on importations from foreign nations should be laid to promote or foster any branch of industry. Export duties were allowed to be levied with the concurrence of two-thirds of both houses of Congress. Any judicial or other federal officer resident and acting solely within the limits of a particular state was impeachable by two-thirds of both branches of the legislature thereof, as well as by two-thirds of the house of representatives in Congress. Internal improvements by the general government were prohibited, except the improvement of harbors and local duties for lights, beacons and buoys, the expenses to be borne by the navigation facilitated. Citizens of the several states were not permitted to sue each other in the federal courts. It required a two-thirds vote of each house of Congress, the Senate voting by states, to admit new states. A constitutional convention could meet to consider proposed amendments on the call of any three states legally assembled in their several conventions. The vote in convention was to be taken by states and afterwards ratified by the legislatures of two-thirds of the states, or by conventions in them. The power of Congress over territories was settled explicitly, and it was provided that "in all such territory the institution of negro slavery * * * shall be recognized and protected by Congress and by the territorial government," etc. The constitution was adopted March 11, 1861.

In his inaugural address as provisional president, Feb. 18, 1861, Mr. Davis said in part: "Sustained by the consciousness that the transition from the former Union to the present Confederacy has not proceeded from a disregard on our part of just obligations or any failure to perform any constitutional duty; moved by no interest or passion to invade the rights of others; anxious to cultivate peace and commerce with all nations if we may not hope to avoid war we may at least expect that posterity will acquit us of having needlessly engaged in it. We have changed the constituent parts but not the system of our government. The Constitution formed by our fathers is that of these Confederate States in their exposition of it, and in the judicial construction it has received we have a light which reveals its true meaning."

The principal battles of the war were: Bull Run, or First Manassas, July 21, 1861; Shiloh, April 6-7, 1862; Antietam, or Sharpsburg, Sept. 17, 1862; Fredericksburg, Dec. 13, 1862; Stone River, or Murfreesboro, Dec. 31, 1862, to Jan. 2, 1863; the Seven Days' Battles around Richmond, June 25 to July 1, 1862; Chancellorsville, May 1-4, 1863; Gettysburg, July 1-3, 1863; Chickamauga, Sept. 19-20, 1863; Wilderness, May 5-7, 1864; Spottsylvania, May 8-18, 1864; Cold Harbor, June 1-12, 1864; Petersburg, June 15-19, 1864, and Five Forks, April 1, 1865. The total number of enlistments in the Union armies was 2,688,523 (4156). The number of enlistments in the Confederate army was between 650,000 and 700,000. The total number of deaths on the Federal side, including those killed in action, those who died of wounds received in action, and from disease and other causes, 9,584 officers and 349,944 men. The cost of the struggle to the United States during the four years was $6,500,000,000. It is interesting to note in this connection that the cost of the Revolutionary War was $135,193,703; of the War of 1812, $107,159,003, and of the Mexican War, $66,000,000. The public debt of the United States rose from $90,867,828.68 in July, 1861, to $2,682,593,026.53 in July, 1865, an increase in four years of $2,591,725,197.85.

The results of the war were the restoration of the Union, the emancipation of the slaves, and the several amendments to the Constitution regarding the rights of the new citizens under the new conditions established.

For a more detailed account of the causes and history of the war, see the messages of Presidents Buchanan and Lincoln and the several battles. (See also Abolitionists; Confederate States; Missouri Compromise; Slavery.)

Civil War:

(See also Confederate States; Reconstruction; Restoration; Secession; Slavery; Southern States.)

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Clayton Anti-Trust Law.—To supplement existing laws against monopolies and unlawful restraint of trade, the Clayton bill approved Oct. 15, 1914, defines "Commerce" as trade between the states or territories or with foreign countries, and "Persons" as corporations authorized under law. It forbids persons engaged in

commerce to either directly or indirectly discriminate in price between different purchasers of commodities where the effect of such discrimination may be to substantially lessen competition or tend to create a monopoly in any line of commerce, making allowance for difference in cost of selling or transportation, or discrimination in price in the same or different communities made in good faith to meet competition. Persons selling goods may also select their own customers; agreements or understandings, as a condition of trade, that goods of a competitor are not to be handled are declared unlawful. Any person injured in his business by reason of the violation of the anti-trust laws may sue in a United States Court, and recover three fold the damage sustained by him, together with costs and attorney's fees. The final decree in any criminal prosecution under the anti-trust laws is made *prima facie* evidence against the same defendant in subsequent actions, except in consent judgments, and the statute of limitations is suspended.

The labor of a human being is declared not to be a commodity or article of commerce, and labor unions and agricultural associations instituted for mutual benefit having no capital stock and not conducted for profit, are exempt from the operations of all anti-trust laws, and such organizations and their members are not to be construed as illegal combinations or conspiracies in restraint of trade. No corporation may acquire stock in another corporation where the effect of such acquisition may be to lessen competition between the two or create a monopoly. Holding companies are forbidden except for investment purposes, and stock owned by holding companies is allowed neither vote nor proxy; subsidiary corporations may however be organized for carrying on legitimate branches or extensions of business when they will not substantially lessen competition. Railroad companies may build, own, and buy stock in branch lines or acquire control of other lines in extension of their own where the effect will not tend to lessen competition.

Two years after the passage of the act no person shall at the same time be a director or employee of more than one bank having an aggregate capital in excess of $5,000,000; no bank in a town of 200,000 inhabitants shall have as a director or employee any private banker or director or employee of any other bank situated in the same town: no person shall at the same time be a director in two or more corporations either one having a capital in excess of $1,000,000 engaged in commerce other than banking and transportation, if such corporations have theretofore been competitors. Embezzlement of the funds of a common carrier by an officer thereof is made a felony punishable by a fine of $500 and from one to ten years in prison. No common carrier shall deal in securities or supplies or make contracts in excess of $50,000 a year with another corporation when the said common carrier has among its directors or managers any person who is at the same time a director or officer of the firm with which such dealings are made, except when such firm or corporation is the lowest bidder for such supplies, etc., under penalty of a fine of $25,000 for the company and $5,000 for the person, with a year in jail added for the latter.

Authority to enforce compliance with this law is vested in the Interstate Commerce Commission, the Federal Reserve Board and the Federal Trade Commission, and action may be brought in any district where the defendant is known to transact business. Individual directors, officers or agents are held personally responsible for violations of the act and subject to a fine of $5,000 or a year in jail.

United States Courts may issue injunctions to restrain violations of this act upon evidence of danger of irreparable loss pending hearing; no injunction may be granted by a United States judge in a case between employer and employee or between persons employed and persons seeking employment growing out of disputes over terms of employment unless necessary to prevent injury to property or property rights; (and no such injunction shall prohibit persons, whether singly or in concert, from ceasing to perform work or from peacefully persuading others to do so, or from ceasing to patronize or employ any party to such dispute, or from advising others to do so, or from paying or withholding strike benefits, or from peacefully assembling or doing any act which might lawfully be done in the absence of such dispute, and none of these acts shall be considered violations of the United States laws. Disobedience to injunctions is made contempt of court, punishable by a fine of $1,000, payable to the person injured by the contempt.

Clayton-Bulwer Treaty.—John M. Clayton, Secretary of State, in 1850 concluded a treaty with Sir Henry Lytton Bulwer, representing Great Britain, for establishing communication between the Atlantic and Pacific oceans (2580). The treaty provided for a ship canal across Nicaragua and forbade exclusive control of canal communication by either party. It was succeeded by the Hay-Pauncefote Treaty, ratified by the Senate of the United States, Dec. 17, 1901, which made the way clear for the United States to construct, own and operate an isthmian canal. (See Great Britain, Treaties with, and facsimile, opposite page 2549.)

Clayton-Bulwer Treaty:

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Clearance Papers.—A paper certifying that the law has been complied with by a vessel leaving port.

Clearing House.—An institution set up by banking houses, railroad companies, or persons engaged in any department of trade or finance who have credit transactions with each other. In the course of a day's business each bank receives various amounts of commercial paper which must be debited to the account of other banks, and is itself not unlikely the debtor to one or more other banks. Before the establishment of the clearing house it was customary to have these accounts adjusted every morning, or at least every week. To do this it was necessary for each bank to have a messen-

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ger visit every other bank with which it had dealings and pay or receive the difference between the debit and credit sides of the account. The collection and payment of these balances became a laborious and dangerous part of the banking business. To do away with this cumbersome method of squaring accounts the clearing-house system was introduced. It was first established in London about the beginning of the nineteenth century. The banks of New York associated and began doing a clearing-house business Oct. 11, 1853. The New York Clearing House is the largest in the world. The member banks have a capital of $175,300,000, and the average daily clearances for 1914 were $296,238,762, and the clearings for the year were $89,760,344,971.25. The number of banks in the Clearing House Association varies slightly, the present number being 62. All the accounts of each of these 62 banks with each other are adjusted in just one hour each day—between 10 and 11 A. M. The debtor banks are required to pay the amount of their indebtedness to the clearing house in legal-tender notes or coin by 1.30 P. M. each day, and the creditor banks immediately receive the amounts due them from other banks or certificates of credits for the amounts. Impending financial crises may be averted by all the banks which are members of the clearing house pooling their reserve funds and taking certificates therefor. The associated banks of New York in this way made it possible for the government to secure the necessary funds for carrying on the Civil War. The panic of 1873 was checked in a similar manner, as were also those of 1884, 1890, and 1893. In 1893 the Clearing House Association resolved that any member might present to the loan committee its bills receivable or other securities, together with its own obligation and receive therefor certificates for 75 per cent. of their par value, which certificates would be accepted in lieu of cash in the payment of balances at the clearing house. Railway companies and the various produce and stock exchanges have introduced the clearing-house system into their business. Similar institutions have been established in most of the large cities of the country.

The clearing house principle has generally been adopted in stock and produce exchanges. A broker may buy or sell stock, and, through the simple clearing house method of adjustment, may drop out of the transaction entirely, except for collecting his commission or paying his loss. Thus if Broker A sell certain securities to Broker B, and Broker B then sell them to Broker C, who later sells them to Broker A, the transactions cancel, except for the difference in price agreed upon at each sale.

Clearing Houses recommended, 4199.

Clermont.—The name of the first steamship invented by Robert Fulton, plying between New York and Albany. (See illustration opposite 378.)

Cleveland, Grover.—1885-89, 1893-97.

(FIRST TERM, 1885-1889.)

Twenty-fifth Administration—Democratic.
Vice-President—Thomas A. Hendricks.

Secretary of State—
Thomas F. Bayard.

Secretary of the Treasury—
Daniel Manning.
Charles S. Fairchild.

Secretary of War—
William C. Endicott.

Attorney-General—
Augustus H. Garland.

Postmaster-General—
William F. Vilas.
Don M. Dickinson.

Secretary of the Navy—
William C. Whitney.

Secretary of the Interior—
Lucius Q. C. Lamar.
William F. Vilas.

Secretary of Agriculture—
Norman J. Coleman.

Cleveland was elected by the Democratic party in 1884 and in 1892. The convention which met at Chicago, July 8-11, 1884, nominated him on the second ballot, despite the bitter opposition of Tammany.

Platform.—The platform of 1884 recited the fundamental principles of Democracy; charged the Republican party with fraud, jobbery, and recklessness, from long possession of power; pledged Democracy to a complete reform, rigid economy, reduction of taxation, and a lower tariff for revenue only; devoted internal revenues to pensions and war expenditures only; favored an American continental policy; believed in honest money of gold, silver, and easily convertible currency; asserted equal justice for all; urged the choosing of Federal officers in Territories from citizens who have been previous residents; favored civil service reform, free education, prevention of monopoly, unrestricted labor, retention of public lands for settlers, pledged government protection to all citizens at home and abroad; opposed Chinese immigration; advocated a measure of internal improvements; upheld Democracy's efforts for commerce and merchant marine; and paid a tribute to Samuel J. Tilden.

Opposition.—The Republican National Convention at Chicago, June 3-6, 1884, nominated James G. Blaine over President Arthur, on the fourth ballot. The Greenback National Convention at Indianapolis, May 28, 1884, nominated Benjamin F. Butler. The Prohibition Convention at Pittsburgh, July 23, 1884, nominated John P. St. John; another branch of the Prohibitionists, under the name of the American Prohibition Convention, met at Chicago, June 19, 1884, and nominated Samuel C. Pomeroy. The Equal Rights party in convention at San Francisco, Sept. 20, 1884, nominated Belva A. Lockwood.

Vote.—The popular vote of thirty-eight States gave Cleveland 4,874,986; Blaine, 4,851,981; Butler, 175,370; and St. John, 150,369. The electoral vote, counted on Feb. 11, 1885, gave Cleveland 219, and Blaine 182.

Party Affiliation.—Cleveland's political career dated from his election as the Democratic mayor of Buffalo, where (1881) he curbed extravagance and violation of the Constitution and charter to such an extent that he became known as the "veto mayor." As governor of New York, his State administration was a continuation of his course as mayor of Buffalo, and it was the conspicuous evidence of his ability, integrity, and consistency, that made him so strong a candidate for the Presidency.

Political Complexion of Congress.—During President Cleveland's first administration, Congress was divided politically as follows: In the Forty-ninth Congress (1885-1887) the Senate, of seventy-six members, was composed of thirty-four Democrats, forty-one Republicans, with one vacancy; and the House, of 325 members, was made up of 182 Democrats, 110 Republicans, two Nationals, with one vacancy. In the Fifti-

eth Congress (1887-1889) the Senate, of seventy-six members, was composed of thirty-seven Democrats and thirty-nine Republicans; and the House, of 325 members, was made up of 170 Democrats and 151 Republicans.

(SECOND TERM, 1893-1897.)

Twenty-seventh Administration—Democratic.

Vice-President—Adlai E. Stevenson.

Secretary of State—
Walter Q. Gresham.
Richard Olney.

Secretary of the Treasury—
John G. Carlisle.

Secretary of War—
Daniel S. Lamont.

Attorney-General—
Richard Olney.
Judson Harmon.

Postmaster-General—
Wilson S. Bissell.
William L. Wilson.

Secretary of the Navy—
Hilary A. Herbert.

Secretary of the Interior—
Hoke Smith.
David R. Francis.

Secretary of Agriculture—
J. Sterling Morton.

SECOND TERM—Nomination.—Cleveland was a second time elected President of the United States by the Democratic party at the election held in November, 1892. At the Democratic National Convention held at Chicago, June 22, 1892, he was nominated on the first ballot, though he was bitterly opposed by the entire delegation from his own State.

Platform.—The platform of the Democratic party in 1892 denounced the Republican party and its administration; made the tariff the most important issue of the election by a section amended in open convention in which the McKinley Tariff was condemned as class legislation; exposed sham reciprocity; demanded control of the trusts; repeated the public lands policy of former years; reaffirmed civil service reform; favored restriction of Chinese immigration; supported internal improvements; favored the construction of the Nicaragua Canal; endorsed the World's Columbian Exposition, free education, the plan to admit as States, Arizona and New Mexico; condemned the sweating system and convict labor.

Opposition.—The Republican National Convention at Minneapolis, June 7, 1892, nominated Benjamin Harrison, on a platform of protection, reciprocity, free coinage of gold and silver, freedom of the ballot, extension of foreign commerce, freedom of speech, opposition to trusts, free postal delivery, civil service reform, building of Nicaragua Canal, admission of Territories to Statehood, reclamation of arid lands, sympathy with temperance, pledges to veterans, and commendation of Harrison's administration. The Prohibition convention at Cincinnati, in June, 1892, nominated John Bidwell. The National People's Convention at Omaha, in July, 1892, nominated James B. Weaver. The Socialist Labor Convention, at New York, nominated Simon Wing.

Vote.—The popular vote ran: Cleveland, 5,556,543; Harrison, 5,175,582; Weaver, 1,040,886; Bidwell, 255,841; and Wing, 21,164. The electoral vote gave Cleveland 277; Harrison, 145, and Weaver, 22.

Public Debt.—The public debt of the United States during the two administrations of President Cleveland stood as follows: July 1, 1885, $1,375,352,443.91; 1886, $1,282,145,840.44; 1887, $1,175,168,675.42; 1888, $1,063,004,894.73.

Second Administration: July 1, 1893, $838,969,475.75; 1894, $899,313,380.55; 1895, $901,672,966.74; 1896, $955,297,253.70.

Tariff.—In his First Annual Message (page 4926) President Cleveland said: "The proposition with which we have to deal is the reduction of the revenue received by the Government, and indirectly paid by the people, from customs duties. The question of free trade is not involved, nor is there now any occasion for the general discussion of the wisdom or expediency of a protective system. These sentiments are expressed and emphasized in his Second Annual Message (page 5095), and in his Third Annual Message (page 5169) the subject is again urged. In his Fourth Annual Message (page 5359) the President paints a picture of the result of economic conditions as he sees them produced by the inequalities of the tariff laws.

In the elections of 1890, Mr. Cleveland championed the cause of tariff reform and made it the issue of the elections. When he accepted the Presidential nomination in 1892, he wrote in his letter of acceptance: "Tariff reform is still our purpose. Though we oppose the theory that tariff laws may be passed having for their object the granting of discriminating and unfair governmental aid to private ventures, we wage no exterminating war against any American interests. We believe a readjustment can be accomplished, in accordance with the principles we profess, without disaster or demolition. We believe that the advantages of freer raw material should be accorded to our manufacturers, and we contemplate a fair and careful distribution of necessary tariff burdens, rather than the precipitation of free trade." In the First Annual Message of his second administration (page 5890) the President said: "While we should stanchly adhere to the principle that only the necessity of revenue justifies the imposition of tariff duties and other Federal taxation and that they should be limited by strict economy, we can not close our eyes to the fact that conditions have grown up among us which in justice and fairness call for discriminating care in the distribution of such duties and taxation as the emergencies of our Government actually demand."

Foreign Policy.—In his First Annual Message (page 4922) President Cleveland recommended increased appropriations for the consular and diplomatic service. At the beginning of his second administration, the President was obliged to confront the grave situation arising out of the proposed annexation of Hawaii to the United States. The queen and her ministers asserted that at the time she yielded to the provisional government she yielded to the force and power of the United States. The President made the matter the subject of a special message to Congress (page 5892) in which he states that "a candid and thorough examination of the facts will force the conviction that the provisional government owes its existence to an armed invasion by the United States," and that the overthrowing of the government was brought about "by a process, every step of which, it may safely be asserted, is directly traceable to and dependent for its success upon the agency of the United States acting through its diplomatic and naval representatives." He declined to submit the treaty of annexation again to the Senate and advised our

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minister to inform the queen and her advisers of his desire to reestablish in the islands the status which existed before the armed interference of the United States. The Senate, however, recognized the new republic in 1894, and the matter passed beyond the jurisdiction of the President. In 1895, upon the outbreak of the insurrection in Cuba, the President took immediate steps to secure the neutrality of the United States. Though resolutions favoring the recognition of the insurgents as belligerents passed Congress, the President disregarded them, and Secretary Olney made public statement of the fact that they were regarded by the administration only as "an expression of opinion on the part of a number of eminent gentlemen." A second proclamation of neutrality was issued in July, 1896 (page 6126), following the appointment of General Fitzhugh Lee as minister to Cuba. The entire subject required delicate handling of relations with Spain during the rest of the life of the administration. The most notable act of foreign policy during the administration was the Venezuela Message (page 6087) in which the President informed Congress that Great Britain had refused to submit the question of boundary between Venezuela and British Guiana to arbitration; that a commission should be appointed by Congress to examine into the matter of boundary; that appropriations should be made at once for this work; that the Commission should report at once. Then the message reads: "When such report is made and accepted it will, in my opinion, be the duty of the United States to resist by every means in its power, as a wilful aggression upon its rights and interests, the appropriation by Great Britain of any lands or the exercise of governmental jurisdiction over any territory which, after investigation, we have determined of right to belong to Venezuela." The signing of the arbitration treaty at Washington was regarded as the first formal acquiescence by a European power of the principles of the Monroe Doctrine and the accompanying virtual protection of the smaller republics of the New World by the United States.

Finance.—In his First Annual Message (page 4927) the President discussed the Bland-Allison act and said: "The desire to utilize the silver product of the country should not lead to a misuse or the perversion of this power. The necessity for such an addition to the nation as is compelled by the silver-coinage act is negatived by the fact that up to the present time only about 50,000,000 of the silver dollars so coined have actually found their way into circulation, leaving more than 165,000,000 in the possession of the Government, the custody of which has entailed a considerable expense for the construction of vaults for its deposit. Every month two millions of gold dollars in the public Treasury are paid out for two millions or more of silver dollars, to be added to the idle mass already accumulated." He adds that this will lead to the hoarding of gold, and says: "This hoarding of gold has already begun." He recommends the suspension of compulsory coinage. In his Second Annual Message (page 5097) he reports the failure to distribute silver dollars among the people, and again urges the suspension of coinage. In his special message in 1893, the President discusses the working of the Sherman act and reports (page 5834) disappointment in its effects. He said: "Undoubtedly the monthly purchases by the Government of 4,500,000 ounces of silver, enforced under that statute, were regarded by those interested in silver as a certain guaranty of its increase in price. The result, however, has been entirely different, for, immediately following a spasmodic and slight rise, the price of silver began to fall after the passage of the act, and has since reached the lowest point ever known." In his Third Annual Message of his second administration (page 6072), the President gives a résumé of the legislation relating to silver coinage and the attendant train of financial troubles.

Civil Service Reform.—In his First Annual Message (page 4948) President Cleveland said: "Civil Service reform enforced by law came none too soon to check the progress of demoralization. One of its effects, not enough regarded, is the freedom it brings to the political action of those conservative and sober men who, in fear of the confusion and risk attending an arbitrary and sudden change in all the public offices with a change of party rule, cast their ballots against such a change." "The civil service law does not prevent the discharge of the indolent or incompetent clerk, and it does prevent supplying his place with the unfit party worker." In his Second Annual Message (page 5113) he says that while the reform may be incomplete and its applications imperfect, "if the people of this country ever submit to the banishment of its underlying principle from the operation of their Government they will abandon the surest guaranty of the safety and the success of American institutions." Statistics regarding the efficacy of the rules laid down by the Commission are given in a special message to Congress on page 5201. Suggested amendments and additional rules were made the subject of a special message (page 5347 *et seq.*). In the First Annual Message of his second administration (page 5888), in speaking of the working of the reform, the President said: "The law embodying this reform found its way to our statute books more from fear of the popular sentiment existing in its favor than from any love for the reform itself on the part of legislators, and it has lived and grown and flourished in spite of the covert as well as open hostility of spoilsmen and notwithstanding the querulous impracticability of many self-constituted guardians." The several Executive Orders relating to amendments of the civil service appear on page 6030. His last official word regarding the success of the reform appears in his Fourth Annual Message of his second administration (page 6170) where the President says: "The progress made in civil service reform furnishes a cause for the utmost congratulation. It has survived the doubts of its friends as well as the rancor of its enemies, and has gained a permanent place among the agencies destined to cleanse our politics and to improve, economize, and elevate the public service."

At the beginning of President Cleveland's administration, he came into serious conflict with many influential men of his own party, who sought the immediate removal of Republican office-holders to make way for Democrats, that the party organization might be thereby strengthened. It was at this time that the expression "offensive partisanship" came into use, though the expression is correctly "obtrusive partisanship" as it appears in his Executive Order upon the subject (page 5079). His special message (page 4960) refusing on constitutional grounds to accede to the Senate's request for papers regarding appointments and dismissals brought about a struggle with Congress and its refusal to sanction his nominations.

Cleveland, Grover:
Advancement and progress of United States discussed by, 5358.
Annual messages of, 4909, 5082, 5165, 5358, 5866, 5955, 6058, 6146.
Arbitrator—
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Closed Shop.—A term used to describe conditions of employment in establishments where only members of trade unions (q. v.) are or may be employed, usually by agreement between the employers and the trade unions, as distinguished from the open shop (q. v.).

Closure.—The practice of shutting off debate on a subject in a deliberative body, usually by applying the "previous question," for which a two-thirds vote is necessary. (See Senatorial Courtesy and Cloture.)

Clothing Trade.—It is only within recent times that the manufacture of ready-made clothing came to be looked upon as an industry inviting the investment of capital and the energies of trained business men. Prior to 1830 the business seems to have been limited to shipping supply merchants, who kept a small stock of garments adapted to the use of sailors, who found no time between arrival at and departure from ports to have clothes made to their measure, as was the custom among the landsmen. The chief shipping ports, therefore, became the early centers of the ready-made clothing trade. New Bedford, Mass., the home port of the whaling industry, was the early nucleus of the trade. It then spread to Boston and New York. Migration to the West, and especially the hurried departure of gold-seekers for California in 1849, gave an impetus to the business, and factories and stores carrying made-up stocks began to succeed custom tailor shops.

One of the first to engage in the wholesale manufacture of clothing was George Opdyke, once mayor of New York, who began business in 1831. He and his successors opened stores in New Orleans, Memphis and Charleston, which were carried on until the close of the civil war. They supplied mostly the coarser grades of clothing. John T. Martin conducted a prosperous business in St. Louis before the civil war, out of which grew the present firm of Rogers, Peet & Co., of New York. Thomas Chatterton, a merchant of New Haven, began to manufacture ready-made clothing in 1846, and opened a store in New York. In 1848 John H. Browning, of New York, established a branch store in California, and soon began shipping large quantities of the coarser grades of men's clothing to the miners in the gold fields. The business which he founded at that time is still in existence. At the outbreak of the civil war Browning obtained a contract to furnish more than a million dollars' worth of clothing for the Union army.

The invention of the sewing machine concentrated within factory walls much of the work that had previously been done in the homes of work people, and the cutting machine, with a capacity for twenty-four thicknesses of cloth, further cheapened the work. The following figures show the saving of time in the making of 100 suits of clothes under the factory system:

By the use of the sponging machine the cloth for 100 coats is prepared by two persons in 1 hour and 48 minutes, as against 11 hours and 40 minutes by hand; for 100 pairs of trousers the time is 1 hour and 8 minutes, as against 8 hours and 20 minutes by hand; for 100 vests the time is 20 minutes, against 3 hours and 20 minutes. By use of a machine cutting 16 thicknesses of cloth, three persons now consume 4 hours and 32 minutes in cutting out 100 coats, against 33 hours and 20 minutes when cut by hand; for the trousers the machine time is now 2 hours and 58 minutes, against 16 hours and 40 minutes by hand; and for the vests 1 hour and 34 minutes, against 11 hours and 40 minutes. The sewing of the seams shows, of course, the greatest saving. While it took 1,000 hours to sew the coats by hand, it takes only 66 hours and 40 minutes on the power driven sewing machine; for the trousers the hand time was 433 hours and 20 minutes; by machine, 64 hours and 17 minutes. For sewing the vests the hand time was 416 hours and 40 minutes and by machine 64 hours and 35 minutes. Other operations have been correspondingly cheapened.

A recent report of the Census Bureau gives a survey of the entire clothing trade of the United States as it performed its functions in the normal days of business before the advent of abnormal war conditions. The report, of which the figures are appended, covers establishments producing men's, women's and children's clothing; shirts; collars and cuffs; corsets; men's furnishings; hats and caps other than wool, felt, and straw; millinery; lace goods; elastic woven goods; and the making of button-holes.

	Report Year	*1909*	*1904*[1]
Number Establishments	14,953	14,169	10,586
Persons Engaged	591,292	568,945	410,457
Capital	$ 571,864,928	$ 512,868,949	$310,435,145
Salaries and Wages	326,605,102	287,917,187	177,662,149
Cost of Materials	673,011,961	622,904,234	407,514,007
Value of Products	1,297,273,396	1,174,159,358	782,756,315

[1] Does not include elastic woven goods.

	No. Establishments	Persons Engaged	Capital
Men's Clothing	4,830	200,809	$224,050,401
Men's Buttonholes	139	856	224,381
Shirts	792	56,980	50,943,841
Men's Furnishings	551	25,964	27,887,725
Collars and Cuffs	35	10,936	15,025,246
Elastic Goods	216	11,038	16,343,686
Hats and Caps	580	8,942	6,846,996
Women's Clothing	5,564	198,685	153,549,295
Corsets	167	23,146	23,892,756
Millinery and Lace Goods	2,079	53,936	53,100,601

	Salaries and Wages	Cost of Materials	Value of Product
Men's Clothing	$113,799,836	$230,031,690	$458,210,985
Men's Buttonholes	340,294	90,012	637,728
Shirts	23,711,809	50,664,974	95,815,013
Men's Furnishings	12,072,482	31,593,442	52,453,338
Collars and Cuffs	5,482,023	6,565,578	18,530,840
Elastic Goods	5,931,600	15,191,194	24,432,753
Hats and Caps	5,431,775	9,267,577	18,593,221
Women's Clothing	118,696,524	252,345,040	473,888,356
Corsets	12,244,920	19,586,533	40,550,702
Millinery and Lace Goods	28,893,839	57,675,921	114,160,462

Almost the entire product is for home consumption, the few exports being mostly to Canada.

In the entire industry, there were 36 per cent male workers and 63 per cent female, with 1 per cent under 16 years of age. In the men's clothing branch, 54 per cent were male and 44 per cent female; whereas in the women's clothing branch 36 per cent were male and 63 per cent female.

February, March and April are the months of greatest activity, although September and October are also very active in the women's clothing industry.

Sixty-one thousand of the workers were employed 48 hours and less weekly; 260,000, from 48 to 54; 140,000, 54 hours; 43,000, from 54 to 60; and 6,250, 60 hours and above. In 1909, the greatest number were employed from 54 to 60 hours per week.

There were 24 establishments employing above 1,000 workers, of which 11 were in men's clothing and 1 in women's clothing. Sixty employed from 500 to 1,000, with 31 in men's clothing and 5 in women's; 174 from 250 to 500, of which 53 were men's clothing and 44 women's; 615 from 100 to 250, of which 190 were in men's clothing and 233 in women's.

In men's clothing, 35 per cent of the value of the product comes from New York City; 15 per cent from Chicago; 7 per cent from Baltimore; 5 per cent from Philadelphia and 3 per cent from Rochester.

In the women's clothing branch, 72 per cent is produced in New York City, 7 per cent in Philadelphia and 4 per cent in Chicago.

In men's clothing, 52 per cent of the firms are owned by individuals, 15 per cent by corporations, and 33 per cent by others. But 45 per cent of the wage-earners were employed in the corporations and 47 per cent of the value of the entire product came from them, as compared with 23½ per cent and 15 per cent for the firms owned by individuals.

In women's clothing, 43 of the firms were owned by individuals, 17 per cent by corporations and 40 per cent by others. But the corporations employed 31 per cent of the total number of wage earners and produced 29 per cent of the value of the entire product, as compared with 27 per cent and 27 per cent for the firms owned by individuals.

Adjoining figures give details for the several branches of the industry.

A peculiar feature of the men's clothing business is that about three-fifths of the establishments make clothing by contract from materials furnished by others. Though the sweat-shop has been partially eliminated many of the factories are small. The total number reported by the last census was 4,830, and of these 3,217 were contract shops. The number of wage-earners was 173,747, of whom 57,651 were employed in the contract shops and 126,196 in the regular factories. In the matter of wages the contract shops paid $33,283,969, and the regular factories paid $56,360,952. The total value of the product was $458,210,985, of which $228,154,926 was added by manufacture. Of this latter sum the contract shops contributed $42,985,415, and the regular factories $190,169,511. These figures do not include shirts and furnishing goods.

Women's Clothing.—The manufacture of women's clothing as a commercial industry did not start until the early sixties. At that time only cloaks and mantillas were made for the trade. Until 1880 the traffic in women's ready-made clothing was confined almost entirely to cloaks. About this time the ladies' suits branch was established. During the last decade all the different articles which are comprised in the collective term lingerie have been put on the market ready made.

The development of the factory has been on lines similar to those of the men's clothing establishments. A greater degree of skill is required of the workers in this branch of the business, and women have almost entirely displaced men.

The census previous to that listed in the preceding tables showed 4,558 factories and shops, with 153,743 wage-earners, turning out a finished product valued at $384,751,649, of which amount $175,963,423 was added by manufacture. This shows the remarkable increase from 1860 when there were only 188 shops employing 5,739 workers.

Cloture. (See Closure.)

Cloture Rule should be established in Senate, 8217.

Club Life, influence of, discussed by President Wilson, 8081.

Coal.—The net tons of coal mined annually in the United States according to the most recent figures, are shown in the following table:

Alabama	21,280,000
Arkansas	2,280,000
Colorado	12,485,000
Georgia	101,000
Illinois	91,263,000
Indiana	27,325,000
Iowa	8,240,000
Kansas	7,292,000
Kentucky	29,690,000
Maryland	4,759,000
Michigan	1,385,000
Missouri	5,605,000
Montana	4,276,000
New Mexico	4,241,000
North Dakota	813,000
Ohio	46,464,000
Oklahoma	4,785,000
Pennsylvania (bituminous)	183,712,000
Tennessee	6,916,000
Texas	2,260,000
Utah	5,350,000
Virginia	10,100,000
Washington	4,056,000
West Virginia	91,350,000
Wyoming	9,600,000
Alaska, California, Idaho, Oregon, South Dakota	122,000
Total bituminous	579,386,000
Pennsylvania (anthracite)	99,645,000
Grand total	679,031,000

The following table shows the number of men employed in the anthracite mines, with the average number of days they worked during the year:

1913	175,745	257
1914	179,679	245
1915	176,562	230
1916	159,869	253
1917	154,174	285
1918	147,121	293

The following table shows the number of men employed in the bituminous mines, with the average number of days they worked during the year:

1913	571,882	232
1914	583,506	195
1915	557,456	203
1916	561,102	230
1917	603,143	243
1918	605,000	252

The following table presents the latest figures for the annual imports and exports of coal:

	Tons
Anthracite Exports	4,285,000
Anthracite Imports	62,098
Bituminous Exports	18,152,243
Bituminous Imports	1,008,250

Figures for recent years show that between 2,000 and 3,000 coal miners are killed by accidents in the mines each year.

It has been estimated that the total coal reserves of the United States and Alaska are 22,000,000,000 tons of anthracite, 2,155,000,000,000 tons of bituminous and 2,054,000,000,000 tons of sub-bituminous, a total of 4,231,000,000,000 tons. The total coal reserves of the world are estimated at 8,154,000,000,000 tons, of which some 550,000,000,000 are anthracite. The estimates of the unmined coal of the countries outside of the United States are as follows:

	Tons
Canada	1,361,000,000,000
China	1,097,000,000,000
Germany	467,000,000,000
Great Britain	209,000,000,000
Australia	183,000,000,000
Russia in Europe	66,000,000,000
Siberia	192,000,000,000
India	87,000,000,000
Union of South Africa	62,000,000,000
Austria	59,000,000,000
Colombia	30,000,000,000
Indo-China	22,000,000,000
France	19,000,000,000
Belgium	12,000,000,000
Spain	10,000,000,000
Spitzbergen	9,000,000,000
Japan	9,000,000,000
Holland	5,000,000,000

Coal Prices.—As a result of conferences in the latter part of June, 1917, the following prices for coal were fixed, and agreed to by the mine operators, the Secretary of the Interior, Federal Trade Commissioner Fort, and the committee on coal production of the Council of National Defence.

In Pennsylvania, on bituminous coal, $3.00 per ton for mine run and $3.50 for domestic lump, egg and nut.

In West Virginia, as above.

In Ohio, No. 8 district (the thick-vein Hocking and Cambridge districts), as above. The thin-vain Hocking, Pomeroy, Crooksville, Coshocton, Columbiana County, Tuscarawas County, Amsterdam-Bergholz district, $3.25 for mine run and $3.50 for domestic egg, lump, and egg. The Massillon and Palmyra districts and Jackson county, $3.50 for all grades.

In Alabama, for all grades, Cahaba and Black Creek, $4.00; Pratt, Jaeger and Corona, $3.50: Big Seam, $3.00.

In Maryland, as in Pennsylvania.

In Virginia, as in Pennsylvania.

In Kentucky, as in Pennsylvania.

In Illinois, $2.75 for mine run and steam sizes and $3.50 for screened domestic sizes.

In Tennessee, $3.50 for all grades.

These prices were maximum prices per ton of 2,000 pounds aboard the cars at the mines. The prices did not affect in any way existing contracts or foreign and export sales. The price extended the government for such coal as it needed was fifty cents lower than the above prices.

Anthracite prices had already been fixed by the Federal Trade Commission.

Twenty-five cents per net ton was fixed as the maximum price for coal jobbers' commissions, no matter through how many jobbers' hands the coal might pass.

Later Coal Prices.—About one month after the above prices were fixed, prices were altered as follows:

Michigan—Mine run, $3.15; prepared sizes, $3.60; slack or screenings, $2.20.

Montana—Prepared sizes, $3.60; slack or screenings, $1.50.

Arkansas—Prepared sizes, $4.50; slack or screenings, $2.

Illinois—Prepared sizes, $4.50; slack or screenings, $1.70.

Missouri—Mine run, $3.15; prepared sizes, $3.40; slack or screenings, $2.90.

For other prices fixed by Presidential proclamation, consult the proper heading under Wilson, Woodrow.

Coal:
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Strikes. (See Bituminous, above, and Anthracite Coal.)
Supply of, for Pacific Slope, in Alaska, 7564.

Coal Lands.—The United States leads the world, both in the production of coal and the extent of its coal fields. The area of known deposits is nearly 280,000 square miles. The average annual yield for five years ending with 1908 was about 425,000,000 tons. This was worth about $1.50 per ton at the mines. In 1916, the total production of coal broke all records, reaching the point of 597,500,000 tons, of which 510,000,000 was bituminous coal. The greatest amount of coal previously mined had been 570,000,000 tons in 1913.

The coal fields are grouped for convenience into the following divisions: The Appalachian, extending from near the New York and Pennsylvania State line southwesterly through the western half of Pennsylvania and eastern Ohio, western Maryland, southwest Virginia, all of West Virginia, eastern Kentucky and Tennessee into north central Alabama, and covering about 70,800 square miles. The eastern interior fields cover western Indiana, nearly the whole State of Illinois, and part of Kentucky, and are about 58,000 square miles in extent. The northern interior field covers a large area in the southern peninsula of Michigan, and is about 11,300 square miles in extent. The west central field extends from western Iowa across western Missouri, northwestern Arkansas and eastern Nebraska and Kansas, and through Oklahoma into Texas, and has an area of about 94,000 square miles. The Rocky Mountain field includes the numerous disconnected areas lying in narrow belts along either flank of the range from the Canadian frontier southward for a thousand miles. These occur in Montana, Utah, Wyoming, Colorado and New Mexico, and have a total area of some 43,600 square miles. The Pacific coast coal fields occur in California, Oregon and Washington. Those of Washington are of the most importance, supplying fuel for railroads and steamships, as well as the market of San Francisco.

Owing to the discovery of collusion on the part of the Union Pacific Railroad and subsidiary companies in the acquisition of coal lands, President Roosevelt, through the Interior Department, in December, 1906, withdrew from settlement 64,000,000 acres of mineral lands in North and South Dakota, Montana, Wyoming, Colorado, New Mexico, Utah, Washington and Oregon. Of this land 28,000,000 acres were later opened to entry. In December the President sent a special message to Congress urging the repeal or revision of the timber, stone and desert land acts and the commutation clause of the Homestead act. Then, in February, 1907, President Roosevelt sent a second special message to Congress urging legislation for the preservation of the coal, oil, lumber and grazing lands (page 7038). He especially urged that the Government be authorized to retain title to the coal lands with a system of leasing for mining purposes. He pointed out that some such system has been adopted in every coal mining country of Europe except Great Britain. Among the advantages he pointed out, were the preservation of fuels especially suited to certain industries, increased opportunities for coal miners without capital, the protection of the public against unreasonable and discriminating charges for fuel, the prevention of wholesale land frauds, and the ruthless exploitation of the Nation's resources (page 7038).

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Coaling Stations. (See Naval Stations.)

Coalition.—A working understanding effected by opposition parties or factions for the purpose of effecting legislation or accomplishing other purposes mutually desired.

Coal-Tar Products.—Popular interest in coal tar is centered mainly in dyestuffs and the other refined drugs and chemicals derived from it. The United States for commercial reasons has developed little manufacture of these products, and has been dependent upon European nations for the bulk of her supply.

In considering why this condition exists there must be borne in mind the fact that only about 10 per cent of coal tar can be made into drugs and dyes. The other 90 per cent, suited only for the manufacture of pitches and various heavy oils, forms the basis of an industry already well developed in the United States. Coal tar, however, is not the only source of what are commonly known as "coal-tar" dyes and drugs. So-called "gas benzol," or light oil, which is abstracted from coal gas, and is therefore, like tar, a by-product of the carbonization of coal, constitutes an important commercial source of these refined

products. "Gas benzol," unlike tar, has no constituents that cannot be utilized in making dyes and refined chemical preparations.

About 25 per cent of the combined yield of tar and "benzol" may be made into the dyes, drugs, and refined chemicals for which America has heretofore practically depended on Germany. The gross market value of these refined products made from the 25 per cent portion is probably at least twice that of the pitch and heavy oils recoverable from the 75 per cent portion.

The United States has the raw material, namely, high-grade coal, in great abundance and of a kind well suited for making all the tar products consumed in the country. In the calendar year 1913 the United States produced about 150,000,000 gallons of coal tar and 7,500,000 gallons of "gas benzol," less than 500,000 gallons of tar being imported. The output of bituminous coal, the source of coal tar, was somewhat more than 475,000,000 tons. Germany, with a coal output of only 295,000,000 tons in the same year, produced more than 250,000,000 gallons of coal tar and about 50,000,000 gallons of benzol, 3,500,000 gallons of tar being imported. Evidently, in the utilization of coal to make tar and "benzol," the United States is far behind Germany. Also, in the utilization of tar and "benzol" to make the most refined and valuable products, the United States lags behind. Germany exported in the fiscal year ending June 30, 1913, coal-tar dyestuffs worth over $55,000,000, whereas the United States in the same year imported dyestuffs worth $10,000,000—practically the entire consumption. Two raw materials are the sources of the so-called "coal-tar products," namely, crude coal tar itself, and light oil or "benzol" stripped from coal gas. The tar and "benzol" produced from American coal need not be in any way inferior to those produced in Europe. This country produces, however, less than one-third of the quantity of tar and about 7 per cent of the quantity of "benzol." In addition to the coal remaining in the great fields of coking coal in western Pennsylvania, which produces over 60 per cent of the coke made in the United States, this country has an entirely adequate source of tar, "benzol," and other by-products in the coking coals of other districts. Coal fields in West Virginia, Virginia, and eastern Kentucky which now supply many by-product coke ovens and gas works may be drawn on for much more coking coal than they now produce.

During 1917, 190 firms, exclusive of coke-oven plants and gas houses, were engaged in the manufacture of coal-tar chemicals. The total imports for the fiscal year ending June 30, 1917, were valued at $12,125,400. The total production during the calendar year 1917 was valued as follows: Crudes, $43,000,000; Intermediates, $107,000,000; Finished products, exclusive of explosives and synthetic phenolic resins, $69,000,000.

Among the first class, the output of crude light oil was 8,460,000 gallons, sufficient for about 4,500,000 gallons of bensol and 1,500,000 gallons of toluol. In 1917, the output of benzol was 40,000,000 gallons and of toluol, 10,000,000 gallons. More than 52,000,000 pounds of naphthalene were produced.

Among the intermediates, 323,000,000 pounds were produced in 1917. Among these were 64,000,000 pounds of phenol, 29,000,000 pounds of anilin oil, 25,000,000 pounds of monochlorbenzol.

Among the finished products, 54,500,000 pounds were produced, including 46,000,000 pounds of dyes and 5,000,000 pounds of color lakes, 2,500,000 pounds of medicinal chemicals, 780,000 pounds of flavors, 265,000 pounds of photographic chemicals, and 20,000 pounds of perfume materials.

Oil and water-gas tars formed from the petroleum used in the manufacture of gas were produced in the United States in 1912 to the amount of 33,930,000 gallons. Coal tar is separated by distillation into a number of fractions, each of which serves as the base for the manufacture of certain refined chemical products.

Creosote Oil.—Between 90,000,000 and 100,000,000 gallons of creosote oil, valued at nearly $6,000,000, were consumed in the United States in the year 1913 for the impregnation and preservation of wood. Probably half of this consumption was for the treatment of railroad ties, and most of the remainder for paving blocks, piling, and structural timber. Two-thirds of the entire consumption was imported. Coal tar yields 15 to 30 per cent of creosote oil, according to the kind of tar, grade of oil, and the softness desired in the residual pitch.

Aniline Dyes are made chiefly from benzene, toluene, and phenol. "Aniline oil," the crude intermediate product made by reduction of nitrobenzene, was imported into the United States in 1913 to the amount of 2,000,000 pounds, and aniline salts, also an intermediate product, to the amount of nearly 5,000,000 pounds. The aniline dyes manufactured in this country are made almost entirely from imported intermediate products. The quantity of aniline dyes consumed in this country annually would probably not require over 3,000,000 gallons of "benzol."

In 1917, there were 81 establishments engaged in the manufacture of coal-tar dyes, and their production was about equal to the annual importation before the War, 45,000,000 pounds.

About 20,000 wage-earners were employed in this industry in 1917.

Before the war, the annual production of artificial dyes was about as follows:

Germany	$68,300,000
Switzerland	6,450,000
Great Britain	6,000,000
France	5,000,000
United States	3,000,000
Austria	1,500,000
Russia	1,000,000
Netherlands	200,000
Other countries	200,000
Total	$92,150,000

The American factories, however, were little more than assembling plants, as they were dependent upon intermediates imported from Germany.

From August, 1914, to March, 1915, the United States received nearly its normal supply of dyes from Germany. But the supply of intermediates had been shut off almost at the beginning. Although there was very little real shortage of dyes during this period, uncertainty caused an abnormal demand and soaring prices. Very little was done to make good the deficit by new plants and manufacturing.

From March, 1915 to September, 1916, there was general economizing in the use of dyes, especially in the changing of designs. Natural dyes instead of artificial began to be used, but there was little general knowledge about them. Early in 1916 new plants were begun to remedy the deficit, and public opinion became focused on the situation. On September 8, 1916, Congress passed an act giving increased protection to dyes, etc.

From that time, the production became increasingly larger in quantity and better in quality.

Naphthalene is the source of a large number of dyes produced through various intermediate products. The eosin dyes are derived from resorcin, a benzene product, and phthalic acid, a naphthalene product. Artificial indigo, made from naphthalene, was imported into the United States in 1913 to the amount of nearly 8,000,000 pounds, valued at $1,150,000. Naphthalene enough for making the dyes of this class used in America could be obtained from the domestic production of coal tar. Average tar carries between 5 per cent and 10 per cent of naphthalene.

Alizarin Dyes are made from anthracene. An adequate supply of anthracene for these dyes is at hand in American coal tar. Between 1 per cent and 2 per cent crude anthracene is contained in coal tar, and the amount of pure anthracene in the tar produced in the United States in 1913 was probably at least 8,000,000 pounds. In the same year the imports of alizarin dyes were more than 8,000,000 pounds, valued at $1,825,000.

Pure Phenol (or carbolic acid) occurs in the light and middle oils or in the special "carbolic-oil" fraction of coal tar. Between 0.3 and 1.0 per cent of the average crude tar is phenol. It may be manufactured synthetically also from benzene through benzene-sulphonic acid. About 8,300,000 pounds of carbolic acid were imported into the United States in 1913. Phenol is used not only as a drug and antiseptic, but also to a considerable extent in the manufacture of picric acid for explosives and of certain dyestuffs. Another use of growing importance is the manufacture of hard, infusible, amorphous substances resembling celluloid.

Benzoic and Salicylic Acids, the photographic developers, "metol," "rhodol," or "elon," hydroquinone, etc., many drugs, such as acetanilide, phenacetin, saccharin, antipyrine, acetyl salicylic acid (aspirin), and a great variety of other refined chemical products used in comparatively small quantities, are derived from coal tar, chiefly from the light-oil or carbolic-oil fraction. A large part of the amount consumed in the United States has been imported.

Explosives.—The coal-tar products of greatest importance as raw materials in the explosives industry of the United States are benzene, toluene, naphthalene, and phenol (carbolic acid). As explosives the nitrosubstitution products of coal-tar derivatives are used as bursting charges for explosive projectiles, torpedoes, and mines, and also for detonators and primers. The most commonly known blasting explosives used in this country, black blasting powder and "straight" nitroglycerin dynamite, contain no coal-tar derivatives.

The nitrotoluenes are more extensively used in the explosives industry than any other nitrosubstitution compounds. Pure crystalline trinitrotoluene has proved one of the most efficient explosives for use in explosive shells, torpedoes, and mines, and is extensively used by almost every important military service, including that of this country. In recent years it has also come into use as a substitute for a large proportion of the mercury fulminate in detonators (blasting caps) and as a charge for detonating fuse. The nitronaphthalenes are used to some extent, chiefly as sensitizers in the "short-flame" permissible explosives of the ammonium-nitrate type.

Picric Acid and certain of the picrates are highly important as military shell explosives; the acid is also employed in surgical dressings for burns and wounds.

The manufacture of these compounds depends entirely on phenol (carbolic acid) as a raw material.

The possibilities of the use of the nitroderivatives of coal-tar products in explosives are far greater than is indicated by the above brief summary. Much investigative work on such compounds is being carried on in this country as well as abroad, from which important developments in the explosives art may result. The Bureau of Mines has instituted a systematic research into the preparations and properties of these nitrosubstitution compounds with a view to studying their possibilities in the explosives industry.

Coast and Geodetic Survey.—The Coast and Geodetic Survey of the Department of Commerce is charged with the survey of the coasts of the United States and coasts under the jurisdiction thereof, and the publication of charts covering said coasts. This includes base measure, triangulation, topography and hydrography along said coasts; the survey of rivers to the head of tide water or ship navigation, deep-sea soundings, temperature and current observations along said coasts and throughout the Gulf and Japan streams, magnetic observations and researches and the publication of maps showing the variations of terrestrial magnetism; gravity research, determination of heights, the determination of geographic positions by astronomic observations for latitude, longitude and azimuth, and by triangulation to furnish reference points for state surveys and to co-ordinate governmental surveys.

The results obtained are published in annual reports and in special publications; charts upon various scales, including sailing charts, general charts of the coast and harbor charts; tide tables issued annually in advance; coast pilots with sailing directions covering the navigable waters; notices to mariners issued weekly as a joint publication of the Coast and Geodetic Survey and the Bureau of Lighthouses and containing current information necessary for safe navigation; catalogues of charts and publications, and such other publications as may be required to carry out the organic law governing the survey.

Coast and Geodetic Survey, act respecting printing of report of, in quarto form, returned, 6100.

Coast Artillery.—The Coast Artillery of the United States Army was first organized into a separate division of the Army administration by the Army Re-organization Act of February 2, 1901. At that time, the Coast Artillery consisted of 126 batteries; in 1916, its complement was 748 officers and 19,019 men. The coast artillery is defined as "the artillery charged with the care and use of the fixed and movable elements of land and coast fortifications, including the submarine mine and torpedo defenses." It constitutes a corps, and provision is made that it shall consist of a chief, 14 colonels, 42 majors, 210 captains, 210 first lieutenants, 210 second lieutenants and subordinate officers in proportion. Each company is commanded by one captain, under whom are one first lieutenant, one second lieutenant, one first sergeant, one quartermaster, and other minor officers, the number of which is fixed by the President. (See War Department and Army.)

In the first year of the war against Germany, the Coast Artillery increased from 19,019 officers and men to about 65,000 officers and men, exclusive of those sent to France with the American Expeditionary Forces.

Coast Cities, protection for. (See Defenses, Public, provision for.)

Coast Defenses. (See Defenses, Public.)

Coast Guard.—By the act approved Jan. 28, 1915, introduced by Senator Townsend of Michigan the Revenue Cutter Service and the Life Saving Service were combined in a single new body to be known as the Coast Guard. It provides that in times of peace the new arm of the military service shall operate under the Treasury Department, and during war be subject to the Secretary of the Navy. The officers of the Coast Guard were taken from the Revenue Cutter Service and the same ranks and titles were established in the new arm, and the officers and men of the Life Saving Service were transferred to the Coast Guard with their same rank and pay. The administration of the Coast Guard was placed in the hands of two chiefs of division at a salary of $3,000 a year. The laws and regulations governing the discontinued bodies were extended to apply to the Coast Guard. The general superintendent of the Life Saving Service is retired on a pension of 75 per cent. of salary and the office is abolished.

During the last year the Coast Guard saved 2,153 persons from dire peril, cared for 841 persons in distress, rendered assistance to 1,594 vessels, and removed eleven derelicts and obstructions to navigation.

There are 270 Coast Guard stations and houses of refuge, and the authorized personnel is 270 commissioned officers and 4,897 warrant officers, petty officers and enlisted men.

Coast Guard control re-assigned to Treasury Department, 8782.

Coast Line, necessity for charting, 8019.

Coast Survey:
- Discussed, 636, 680, 1477, 4932, 8019.
- Expenses of, 599, 2521.
- Light-houses on Pacific coast, sites for, referred to, 2557.
- Near completion of, 630, 677.
- Transfer of, to Navy Department recommended, 4727.
- Vessels employed in prosecuting, 1835, 2537, 4103.

Coasts of United States, survey of, referred to, 4932, 8019.

Coastwise Trade, request for appeal of exemption from tolls on, in Panama Canal, 7933.

Cobden Club.—An organization of leading English free traders, formed in 1866 in honor of Richard Cobden. It had for its object the promulgation of those principles with which Mr. Cobden's name as an ardent free trader was so intimately associated. It established headquarters in London and published many tracts, pamphlets and books upon the subject of free trade for free distribution in America, England and her colonies. The Cobden Club held its first dinner in London July 21, 1866, with W. E. Gladstone in the chair. June 27, 1868, a statue of Cobden was unveiled at Camden Town. In July, 1880, 12 out of 14 cabinet ministers were members. It has for honorary members several American economists and statesmen. Recently the Cobden Club has acquired a distinct political character, having become identified with the fortunes of the Liberal and Free-Trade Parties.

Cochin-China.—The southernmost of the divisions of the French possession of Indo-China. It is governed by a Governor, as a direct French colony, and is divided into seventeen provinces and the two municipalities of Saigon and Cholon. The area is about 20,000 square miles and the population about 3,200,000, with some 10,000 Europeans, exclusive of the military forces. Cholon has a population of some 165,000 and the capital, Saigon, a population of some 100,000.

Less than one-third of the total area is under cultivation. The chief crop is rice, although the cultivation of rubber has increased of recent years.

Coconino National Forest, ranger station for, 7990.

Code.—1. A key by which a secret message may be deciphered only by the person familiar with or having access to the code. 2. A systematized set of rules; as the military code for the governing of the Army; the naval code for the governing of the Navy.

Code of 1650. (See Ludlow's Code.)

Codes. (See Criminal Code; Naval Code.)

Cœur d'Alêne, Idaho, military reservation granted to city, 6953.

Cœur d'Alênes. (See Indian Tribes.)

Coffee:
- Consular reports on production of and trade in, among Central and South American states referred to, 5201.
- Duties on—
  - Recommended by President—
    - Grant, 4303.
    - Hayes, 4422, 4511.
    - Polk, 2366, 2405.
  - Referred to, 2250.
  - Repeal of, recommended, 4061.
- Production of, 6731.

Coffee Dealers licensed, 8443.

Coffee Industry, investigation of, 6731.

Cohnawagas. (See Indian Tribes.)

Coin.—A piece of metal shaped according to government design with a fixed value for use as money.

Coinage.—A term employed to describe coin in general when used as money; the process of coining. (See Coins and Coinage Laws.)

Coinage Laws.—The subject of coinage received the early attention of the founders of the Government. Many and varied laws have been passed to regulate the proportion of pure gold, silver, copper and nickel in the various coins and the ratio of one metal to another.

The most important coinage laws, together with their main provisions, are as follows: The act of April 2, 1792, provided that any person could have gold or silver

The weight, fineness and value of the several coins are shown below:

	Gold Coin	Standard Silver Dollars	Subsidiary Silver Coin	Minor Coin
Weight	25.8 grains to the dollar.	412.5 grains.	385.8 grains to the dollar.	5c. piece: 77.16 grains, 75 p. c. copper, 25 p. c. nickel.
Fineness	900-1000.	900-1000.	900-1000.	1c. piece: 48 grains, 95 p. c. copper, 5 p. c. tin and zinc.
Ratio to gold	.....	15.988 to 1.	14.953 to 1.	
Limit of issue	Unlimited.	Coinage ceased in 1905.	Needs of the people.	Needs of the people.
Denominations	$20, $10, $5, $2½.	$1.	50 cents, 25 cents, 10 cents	5 cents, 1 cent.
Legal tender	Unlimited.	Unlimited, unless otherwise contracted.	Not to exceed $10.	Not to exceed 25 cents.
Receivable	For all public dues.	For all public dues.	For all dues up to $10.	For all dues up to 25 cents.
Exchangeable	For gold certificates, as below, and subsidiary and minor coin.	For silver certificates and smaller coin.	For minor coin.	.....
Redeemable	.....	.....	In "lawful money" at the Treasury in sums or multiples of $20.	In "lawful money" at the Treasury in sums or multiples of $20.

coined at the mint, receiving therefor lawful coins of the same metal in equal weight. The standard of fineness for gold was eleven parts pure to one of alloy, and for silver 1,485 parts pure to 179 of alloy. The ratio of gold to silver was as 1 to 15, and both coins were legal tender. By the law of March 3, 1795, the Treasurer retained 24 cents per ounce for silver below the standard and 4 cents for gold; and under that law the President by proclamation reduced the weight of the copper coin one pennyweight and sixteen grains in each cent and in like proportion in each half cent (page 183). By the law of April 21, 1800, there was retained for deposits of gold and silver below the standard a sum sufficient to pay for refining. By the law of May 8, 1828, a sum for materials and wastage was retained from silver bullion requiring the test. The law of June 28, 1834, provided that a deduction of one-half of one per cent. should be made from all standard gold and silver deposited for coinage if paid for in coin within five days from deposit. The law of Jan. 18, 1837, required the standard gold and silver coin to be made nine-tenths pure, one-tenth alloy, and to be a legal tender for any sum. By the law of Feb. 21, 1853, the weight of the half dollar was reduced from 206¼ to 192 grains and the lesser silver coins in the same proportion, and were made legal tender to the amount of $5. No private deposits for conversion into these coins were received, and charges of one-half of one per cent. were made for refining. The law of Feb. 12, 1873, provided for the coining of a "trade dollar," the weight of which was made 420 grains, and of the half dollar 193 grains; legal tender to the amount of $5. No provision was made for the coinage of silver dollars of full legal-tender value. Silver bullion could be deposited for coinage into trade dollars only; gold for coinage for the benefit of the depositor. The directors of the mints were authorized to buy silver for coins of less than one dollar. One-fifth of one per cent. was charged for converting standard gold bullion into coin and silver into trade dollars. Silver coins, except trade dollars, were to be exchanged at par for gold coins in sums not exceeding $100. The charges on gold coinage were removed in 1875. July 22, 1877, an act was passed by the provisions of which the trade dollar ceased to be a legal tender. Feb. 28, 1878, an act was passed by the terms of which silver dollars of 412½ grains were made legal tender for all debts, and the Secretary of the Treasury was authorized to purchase at market value and coin not less than $2,000,000 and not more than $4,000,000 worth of silver bullion per month. By the law of June 9, 1879, silver coins of less than one dollar were made legal tender to the amount of $10.

Silver Purchase Act.—June 14, 1890, the law of 1878 was repealed and the Secretary of the Treasury was authorized to purchase 4,500,000 ounces of silver bullion per month, issuing legal-tender notes in payment, and to make a sufficient monthly coinage for the redemption of these notes. In 1893 the silver-purchase clause of this act was repealed.

Gold Standard.—In 1900 a new coinage law was passed which made the gold dollar the standard of value in this country and increased the reserve for the redemption of legal-tender notes. The law also permitted the national banks to issue notes to the amount of the par value of the bonds deposited and reduced the tax upon the circulation of the banks.

The weight, fineness and value of the several coins are shown in the table at the top of page.

Legal Tender.—There are now ten different kinds of money in circulation in the United States, viz.: gold coins, standard silver dollars, subsidiary silver, gold certificates, silver certificates, treasury notes issued under the act of July 14, 1890, United States notes (also called greenbacks and legal tenders), national bank notes, and nickel and bronze coins. Gold coins, treasury notes and silver dollars are legal tender at face value in any amount. Subsidiary silver is legal tender to the extent of $10 in any one payment. United States notes are not legal tender for duties and imports and interest on the public debt. Gold certificates, silver certificates and national bank notes are not legal tender, but both classes of certificates are receivable for all public dues. All national banks are required by law to receive the notes of other national bank notes at par. The minor coins of nickel and copper are legal tender to the extent of 25 cents. (See also Mints and Assay Offices.)

Silver-dollar coinage under acts of April 2, 1792, $8,031,238; February 28, 1878, $378,166,793; July 14, 1890, $187,027,345; March 3, 1891, $5,078,472—total, $578,303,848.00.

During the year ending October 31, 1917, there were issued through the office of the Comptroller of the Currency $325,570,430 in national bank notes and $976,400,000 in Federal Reserve Notes.

During that year, notes redeemed and destroyed amounted to $464,410,082,50.

The following table shows the coinage of the mints from their organization in 1792 to the most recent figures:

Denomination	Pieces	Values
Gold		
Fifty dollars	3,019	$ 150,950.00
Double eagles	121,011,106	2,420,222,120.00
Eagles	51,532,985	515,329,850.00
Half eagles	78,009,869	390,049,345.00
Three - dollar pieces (coinage discontinued under act of September 26, 1890)	539,792	1,619,376.00
Quarter eagles	17,866,607	44,666,517.50
Dollars (coinage discontinued under act of September 26, 1890)	19,499,337	19,499,337.00
Dollars, Louisiana Purchase Exposition (act of June 28, 1902)	250,000	250,000.00
Dollars, Lewis & Clark Exposition	60,090	60,000.00
Dollars, Panama - Pacific Exposition	25,034	25,034.00
Total gold	288,794,730	$3,391,872,529.50
Silver		
Dollars (coinage discontinued act of February 12, 1873, resumed act of February 28, 1878)	578,303,848	$ 578,303,848.00
Trade dollars (discontinued, act of February 19, 1887)	35,965,924	35,695,924.00
Dollars (Lafayette souvenir, act of March 3, 1899)	50,000	50,000.00
Half dollars	381,846,472	190,923,236.00
Half dollars (Columbian souvenir)	5,000,000	2,500,000.00
Quarter dollars	417,981,758	104,495,439.50
Quarter dollars (Columbian souvenir)	40,000	10,000.00
Twenty - cent pieces (coinage discontinued, act of May 2, 1878)	1,355,000	271,000.00
Dimes	739,457,997	73,945,799.70
Half dimes (coinage discontinued, act of February 12, 1873)	97,604,388	4,880,219.40
Three-cent pieces (coinage discontinued, act of February 12, 1873)	42,736,240	1,282,087.20
Total silver	2,300,341,627	$ 992,627,553.80
Minor Coin		
Five-cent pieces, nickel	861,894,453	$ 43,094,722.65
Three - cent pieces, nickel (coinage discontinued, act of Sept. 21, 1890)	31,378,316	941,349.38
Two-cent pieces, bronze (coinage discontinued, act of Feb. 12, 1873)	45,601,000	912,020.00
One-cent pieces	2,739,692,331	27,396,923.31
Half-cent pieces, copper (coinage discontinued, act of Feb. 21, 1857)	7,985,222	39,926.11
Total minor coins	3,686,461,322	$ 72,384,941.55
Grand total	6,275,597,679	$4,456,885,024.85

Total amount of notes outstanding November 1, 1917, was $1,644,520,095, of which $716,276,375 was in national bank notes and $928,243,720 was in Federal Reserve notes.

During the fiscal year 1917, the three mints of the United States at Philadelphia, San Francisco and Denver coined as follows:

Metal	*Pieces*	*Value*
Gold	270,040	$ 1,230,000
Silver	116,399,800	18,263,600
Minor	289,831,132	5,951,508
Total	406,500,972	$25,445,108

Included in the above figures were 240,000 half eagles; 30,040 McKinley dollars; 9,179,800 half dollars; 19,678,000 quarter dollars; 87,542,000 dimes; 76,329,934 nickels; and 213,501,198 cents.

During the fiscal year 1917 the mints also coined for Central and South American States 515,000 gold pieces; 4,884,313 silver pieces; 7,700,000 nickel pieces; and 5,670,000 bronze pieces.

The coinage of the United States for recent years has been as follows:

Year	*Gold*	*Silver*	*Total*
1913	$25,433,378	$ 3,184,228	$33,284,941
1914	53,457,817	6,083,823	61,749,711
1915	23,968,402	4,114,082	30,145,324
1916	18,525,026	8,880,800	33,743,376
1917	1,001,400	29,412,300	36,531,789
1918	.....	25,473,029	31,445,691

Coins and Coinage (see also Coinage Laws; Coins, Foreign):
Act—
Authorizing coinage of standard silver dollars vetoed, 4438.
Directing coinage of silver bullion in Treasury vetoed, 5915.
Beginning of, 120, 160, 239.
Bland-Allison Act—
Discussed by President—
Arthur, 4633, 4720 4830.
Cleveland, 4927, 5097, 5373.
Harrison, Benj., 5475.
Hayes, 4511, 4568.
Vetoed by President Hayes, 4438.
Copper coins, weight of, reduced to weigh one pennyweight, sixteen grains, 183.
Discretionary authority of President to invite nations to conference on subject of, recommendations regarding, 5877.
Discussed by President—
Adams, John, 239.
Arthur, 4633, 4720, 4830.
Cleveland, 4927, 5097, 5372, 5833, 5875, 5965, 5996, 6073, 6156.
Harrison, Benj., 5474, 5548, 5628, 5753.
Hayes, 4413, 4451, 4510, 4568.
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Gold coinage—
Progress made in, 1331.
Value, laws regulating, referred to, 1382.
International arrangement fixing rates between gold and silver coinage, report on, 5177.
International coinage, referred to, 4113.
International conference at Brussels regarding use of silver, 5752.
Postponement of, discussed, 5876.
Report of, transmitted, 5784.
International conference to consider free coinage of silver, information regarding, refused, 5673.
International movement for reform of system, referred to, 3592.
International ratio, establishment of, referred to, 4955.
Laws connected with, changes in, recommended, 1432.
Opening of more mints recommended, 4201.

Silver coinage—
Act—
Authorizing coinage of standard silver dollars vetoed, 4438.
Directing coinage of silver bullion in Treasury vetoed, 5915.
Discussed by President—
Arthur, 4633, 4720, 4830.
Cleveland, 4927, 5097, 5373, 5833, 5875, 5965, 5996, 6072, 6084.
Harrison, Benj., 5475, 5548, 5628, 5753.
Hayes, 4413, 4511, 4568.
Disparagement of, condemned, 4414.
Repeal of act requiring, recommended, 4569, 4633, 4720.
Repeal of purchasing clause of act of 1890 discussed, 5875, 6073, 6074.
Recommended, 5833.
Suspension of, recommended, 4830.
Suspension of, at present ratio recommended, 4510.
Suspension of, compulsory, recommended, 4931, 5098, 5373.

Coins, Copper, weight of, reduced, 183.
Value of foreign coins fixed, 6616.

Coins, Foreign:
Assay of, 935.
Counterfeiting of, should be made a crime, 1136, 1268.
Legal tender status ended, 239.
Overvaluation of gold in, 1845.
Referred to, 2307.
Regulation of, 120.
Spanish milled dollars legal tender, 239.
Spanish milled doubloons referred to, 304.

Coke. — The following table shows the output, in long tons, of the coke produced in the United States in recent years:

1900	17,561,000
1905	21,126,000
1910	35,103,000
1914	41,339,000
1915	30,853,000
1916	37,126,000
1917	31,665,000
1918	55,607,000
1919	56,478,000

The production of coke by states for the last year for which figures are available was as follows:

	Long Tons
Pennsylvania	26,723,645
Ohio	5,365,243
Alabama	4,352,172
Indiana	3,898,215
West Virginia	3,320,006
Illinois	2,285,610
Virginia	1,234,256
New York	1,069,587
Colorado	989,447
Kentucky	818,785
New Mexico	597,072
Tennessee	427,106
Washington	123,788
Georgia	22,048

Of the total coke production for the above year, about 53 per cent was beehive.

Cold Harbor (Va.), Battle of.—Finding Lee's position on the North Anna too strong, Grant turned Lee's right wing, crossed the Pamunkey River at Hanover Court-House, and after considerable fighting reached Cold Harbor, to the northeast of Richmond. Lee had arrived there before the Federal army and was well intrenched. On the afternoon of June 1, 1864, an attack on the Confederate lines was made. It resulted in a loss of 2,0[illegible] men to the Federals and no advantage in position. June 2 was spent in skirmishing. At daylight June 3 a general assault was made on the Confederate lines, but it was repulsed after half an hour's fighting, with a loss of 7,000 men to Grant and a much smaller number to the Confederates. The strength of the Federal forces was about 150,000 and that of the Confederates about 65,000. For the next ten days the armies lay confronting each other. June 12 Grant decided to approach Richmond from the south. Accordingly the army passed from the Chickahominy to the James River between the 12th and 15th of June and took up the line of march to Petersburg. The Federal losses in the operations at Cold Harbor, including the conflict of Bethesda Church and the march across the Chickahominy and James rivers to the front of Petersburg, were 14,931. The Confederate loss was about 1,700.

Cold Storage, government control over, urged, 8770, 8815.

Collective Bargaining, right of, insisted upon, 8818. (See also Labor.)

Collector of Internal Revenue.—An officer appointed by the government to collect internal taxes levied by the government.

Collector of the Port.—An officer appointed by the President to collect duties on imported goods.

Collectors of Customs, compensation of, recommendations regarding, 4102.

Colleges. (See Education.)

Collisions at Sea. (See also Marine Disasters.)
Acts regarding, and time for taking effect proclaimed, 5537, 5933, 6193.
Discussed, 5962.
Proclamation revoking, 6016.
Discussed, 6063.
Adoption of new code of international rules for prevention of, recommended, 4631, 4683, 4718, 4827, 4848.

Colombia.—Colombia occupies the northwest corner of the South American continent from the Isthmus of Panama to the western boundaries of Venezuela and Brazil and the northern boundaries of Peru and Ecuador.

Physical Features.—The Republic is divisible into two unequal portions, of which the larger (about two-thirds of the whole) consists of the plains of the east and the extreme northwest, and the smaller (about one-third) consists of rugged mountains with three main ranges traversing the country and an isolated group of peaks in the northwest. The southern boundary crosses the Andes where the range consists

of a massive series of volcanic peaks, the highest of which are Chiles (15,900 feet), Cumbal (15,900 feet), and Pasto (14,000 feet). The Western and Central Cordilleras run almost parallel with the Pacific coast, the Eastern Cordillera has a northeasterly direction and divides at the Venezuela boundary. In the northwest of Colombia is the Sierra Nevada de Santa Marta, the highest peak being about 17,000 feet above sea level. The mountainous region of the west contains ninety per cent. of the inhabitants.

The principal rivers of Colombia are the Magdalena, Cauca, and Atrato. The Magdalena has a total length of about 1,000 miles. The Cauca flows through a valley between the Western and Central Cordillera, and joins the Magdalena about 200 miles from its mouth at Barranquilla. Its total length is about 800 miles. The Atrato rises in the slopes of the Western Cordillera and flows into the Gulf of Uraba and the Caribbean Sea. The principal rivers of the eastern plains are the Meta and Guaviare, and the Putamayo, Yápuru (or Caqueta) and the Napo.

Colombia lies almost entirely in the north torrid zone, and but for its elevation would possess a completely tropical climate. The middle slopes and the subtropical valleys contain the most fertile and productive regions.

History.—The Colombian coast was visited in 1502 by Christopher Columbus, and in 1536 a Spanish expedition under Quesadá established a government of certain coastal communities under the name of New Granada, which continued under Spanish rule until the revolt of the Spanish-American colonies of 1811-1824. In 1819 Bolivar established the Republic of Colombia, consisting of the territories now known as Colombia, Panama, Venezuela and Ecuador. In 1829-1830 Venezuela and Ecuador withdrew from the association of provinces, and in 1831 the remaining territories were formed into the Republic of New Granada. From 1853-1861 many of the Colombian Provinces declared their independence and the nineteenth century contained frequent revolutions and internal wars. In 1903 Panama seceded from Colombia, and is now a separate Republic.

AREA AND POPULATION.

Divisions and Capitals	Area in English Sq. Miles	Estimated Population
Departments—		
Antioquia (Medellin)	22,752	740,937
Atlántico (Barranquilla)	1,008	114,887
Bolivar (Cartagena)	22,320	425,975
Boyacá (Tunja)	16,460	586,499
Cáldas (Manizales)	7,380	341,498
Cauca (Popayán)	20,403	211,756
Cundinamarca (Bogotá)	8,046	715,610
Huila (Neiva)	8,100	158,191
Magdalena (Santa Marta)	19,080	140,106
Nari o (Pasto)	9,360	293,918
Santander (Bucaramanga)	17,865	400,084
Santander Norte (Cucuta)	6,255	205,000
Norte de Santander (Cúcuta)	6,255	204,381
Tolima (Ibagué)	10,080	282,426
Valle (Cali)	3,897	217,140
Intendencies—		
Meta (Villavicencio)	258.840	29,299
Chocó (Quibdó)		60,653
Goagira (Guaraguarau)		53,018
Caquetáy demás Comisarias		99,576
Total	438,100	5,280,961

Most of the boundary line with Brazil is still undefined.

Ethnography.—There are six distinct elements in the population: White descendants of the Spanish settlers in the sixteenth to nineteenth centuries; Indian aboriginals; mestizos, or mixed Spanish-Indians; negroes; mixed Spanish negroes; mixed Indian negroes. The numbers of these elements are roughly estimated at 1,500,000 whites; 600,000 Indians, of whom about 150,000 are wild and uncivilized; 2,000,000 mestizos; and 1,400,000 negroes and mixed Spanish and Indian negroes.

Government.—The government is that of a centralized Republic under a constitution of 1886, by which the practical independence of the Provinces was extinguished. The Executive consists of a President, and there is a Legislature of two houses, with appointed Governors and biennial assemblies in each of the Departments.

Congress meets annually for ninety days from July 20, and consists of a Senate and a House of Representatives. The Senate contains thirty-four members elected for four years by electoral colleges in each department. The House of Representatives contains ninety-two members, elected for two years by the direct vote of all male Colombians aged twenty-two who can read and write or possess an income of 300 pesos (or land valued at 1,500 pesos).

Army.—The strength of the Army is determined by Congress, and the permanent force consists of about 6,000 of all arms. Every able-bodied male Colombian is liable for service, and a war strength of about 50,000 could be raised. (See Armies of the World.)

Colombia has adopted the Swiss system of military training, for details of which consult the article under that head.

Colombia has no navy.

Education.—Primary education is free, but is not compulsory, although the schools are well attended. The white population retains the literary instincts of the Spaniards. The principal factor is the work of the Catholic corporations, whose secondary schools are state-aided, the state religion being Roman Catholicism. There were recently reported more than 5,500 primary schools, with more than 365,000 pupils. There were also 21 professional schools, 28 normal schools and 36 trade and arts schools, with a combined enrollment of almost 8,000 pupils. There is a famous university at Bogota.

Finance.—The revenue for recent years has been around 16,000,000 gold pesos and the expenditure around 17,000,000 gold pesos. Most of the revenue comes from the customs. Latest figures give the foreign debt as about $20,000,000 and the internal debt as $4,000,000.

Production and Industry.—Maize and wheat are grown on the elevated plateaus of the western regions, but the principal product is coffee, of which excellent qualities are produced and exported through the neighboring republic of Venezuela and through Colombian ports. Cocoa, sugar, and bananas are also cultivated, and the indigenous rubber trees are being brought into commercial use. The grassy plains of the northeast support large herds of cattle and sheep, and considerable developments are possible in the export of the former.

Gold, silver, and platinum are found and worked in large quantities, and there are rich mines of copper, lead, mercury, and cinnabar, which form a great potential asset. Salt, coal, and iron are plentiful, and there are extensive petroleum fields. Con-

cessions for the development of the oil industry, including the right to construct railways, docks, quays and canals, in connection with the transport of the oil have been let to an English company. The Government emerald-mines and pearl fisheries are believed to be valuable.

There is at Pradera a small iron industry in close proximity to the mines, and agricultural machinery is produced. A pottery and earthenware industry has survived the Spanish invasion of the sixteenth century unchanged. Sugar refining is encouraged by the State, and there are Panama hat factories, which have attained considerable proportions of late years as the industry they represent has grown by leaps and bounds. Most of the world's supply of emeralds comes from mines in Panama.

After the year 1913, the trade of Colombia was deeply affected by the European War. In that year, her trade by countries was as follows:

	Imports	*Exports*
United States.....	$7,630,000	$18,862,000
United Kingdom....	5,837,000	5,566,000
Germany	4,012,000	3,216,000
France	4,409,000	798,000

Foreign Trade.—The Imports are principally flour and prepared foodstuffs, machinery, and textiles; the Exports being coffee, cattle, hides, and skins, bananas, tobacco, rubber, Panama hats, orchids (the choicest varieties of which are found by adventurous explorers), and gold, silver, and platinum. Textiles are sent principally by the United States and the United Kingdom, and flour by the United States; sugar of a better quality than can be produced by the primitive factories in Colombia is sent by Germany, in addition to rice. Coffee is sent to the United States through Venezuelan and Colombian ports; tobacco principally to Hamburg; and cotton to the United Kingdom and France.

The latest available figures for trade by principal countries are as follows:

	Imports	Exports
United States.....	$8,661,780	$27,293,607
United Kingdom....	5,369,688	650,877
France	478,479	405,914
Italy	468,411	174,144

Recent figures show imports totalling annually $23,333,826 and exports, $40,531,330.

Communications.—Only about 750 miles of railroads are open to travel. Internal communication is mainly carried over the principal rivers and their tributaries, a regular service of river steamers running on the Magdalena and its many auxiliary streams. Mountain tracks only fit for mules, and cart roads, some in very good condition, are the principal means of getting about the country.

There are about 850 post-offices and 625 telegraph offices, with 12,000 miles of wire.

Shipping.—There are many harbors on the Pacific Coast. The Caribbean Coast (Atlantic) has many ports, of which Barranquilla, Cartagena, Santa Marta, and Rio Hacha are engaged in traffic with Europe and North America, while Villamazar has a coasting trade with Venezuela. The tonnage entered and cleared at Barranquilla (at the mouth of the Magdalena River) exceeded 1,400,000 tons in 1910, that of Cartagena being about 1,200,000 tons.

Towns.—Capital, Bogotá, founded by Quesada in 1538. There are fifteen towns credited with more than 20,000 inhabitants.

The unit of value under the law of 1907 was the gold peso worth about a dollar in United States money. In the later coinage the peso has been superseded by the dollar, but the actual currency is the paper peso, of which it requires 102 to equal $1.

Colombia:
Action of, in Panama, 6807-6815, 6827-6857.
American citizens in, destitute, order for transportation of, to United States, 5437.
American citizens in New Granada, outrages on, 2948, 3049.
Boundary question with Costa Rica discussed, 4627, 5869.
Civil war in, discussed and action of United States regarding, 4911, 6364, 6426.
Claims of American citizens arising out of. (See Aspinwall, Colombia.)
Claim of Italy against, and arbitration of, President of United States discussed, 6328.
Claims of United States against, 292, 1594, 1751, 1822, 4289, 4804, 6364, 6681, 6735.
Allowance of, 1030.
Convention for adjustment of, 3444.
Payment of, 868, 4358.
Claims of United States against New Granada, 2116, 2193, 2948, 3049.
Adjustment of, 2116, 3175.
Commission to settle, extension of time of, recommended, 3268.
Convention for adjustment of, 3329.
Commercial relations with, 1124.
Convention between United States and Granadian Confederation, 3268.
Convention with, 855, 907, 3412, 3444.
Correspondence with, transmitted, 5610.
Demonstration by Congress of, in honor of President Juarez, of Mexico, 3575.
Diplomatic relations with, 1132.
Resumed, 4449, 4521, 4562.
Dispute with Haiti settled by arbitration, 7657.
Dissolution of three states composing, 1158.
Reunion of, discussed, 1245, 1319.
Flour, duties on, reduced, 1115.
Fugitive criminals, convention with, for surrender of, 4587, 5200.
Haiti and, arbitration between, 7657.
Hostility of, toward United States, attempts to assuage, 7771.
Import duties imposed upon American products by, 5672.
Retaliatory measures proclaimed, 5700.
Imprisonment of American citizens by authorities of, 4798.
Minister of, to United States, arrival of, referred to, 3381, 4521, 4562.

Minister of United States in, 1030.
Sent to, 3390.
Transferred from Stockholm, Sweden, to, 3665.
Minister of United States to New Granada, reasons for not presenting credentials discussed, 3348.
Navy's activities in waters of, 6741.
Postal convention between United States and New Granada, 2168.
President of, delivered from assassins, medal offered President Jackson in commemoration of, declined, 1029.
Relations between United States and New Granada discussed, 2978.
Relations with, discussed, 7853.
Tonnage duties levied on American vessels by New Granada, discussed, 2948, 3049.
Treaty between United States and New Granada, 2217, 2359, 2361, 2582, 3063, 3122, 3174.
Contravention of, by latter, 2948, 3049.
Provisions of, discussed, 2361.
Referred to, 2576, 2577, 2581, 2902, 3349.
Treaty with—
For Isthmian Canal and Canal route, 6740, 6806.
Ratification of, asked, 8640.
Treaty with, transmitted and discussed, 855, 868, 907, 1115, 1124, 4587, 5200. (See also Panama Canal.)
Vessels from port of Boca del Toro, duties on, suspended, 4895.
Vessels of United States seized or interfered with by, 4289, 4358.
Wars in New Granada, 3349.

Colombia, Treaties with.—In 1824 a treaty of amity, commerce and navigation was concluded with Colombia. This treaty expired by its own terms in 1836. With the division of the republic in 1831, New Granada succeeded Colombia, and a treaty of peace, amity, navigation and commerce was negotiated with this government in 1846. In 1862 the name was changed to the United States of Colombia and in 1886 the states were abolished and the country became the Republic of Colombia. A consular convention was concluded with the existing government in 1850, and claims conventions in 1857 and 1864. In 1888 an extradition treaty was concluded on nearly the same lines with those of other South American republics.

Ship Canal.—In 1903 a ship canal convention was signed in Washington, by John Hay, American Secretary of State, and Thomas Herran, chargé d'affaires of Colombia, providing for the transfer of the property of the New Panama Canal Company to the United States and granting to the United States the right to construct a canal across the isthmus of Panama and maintain jurisdiction over a zone five kilometres wide on each side thereof for a period of one hundred years (page 6809). Colombia's congress adjourned without ratifying this treaty, and its provisions became inoperative. (See Panama Canal.)

Colombia also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington July 29, 1914. (See South and Central America, Treaties with.)

Colombians bitterly resented the recognition of the Republic of Panama by President Roosevelt when that country announced its independence from Colombia, and largely to allay this hostile feeling, a treaty between the two countries was proposed in 1914, but met with opposition in the United States Senate. By the terms of the treaty, the United States was to pay the sum of $25,000,000 to Colombia, each country signing the following expression of regret:

"The Government of the United States and the Republic of Colombia in their own names, and in the names of their respective peoples, wishing to have put an end to controversies and differences between them, arising out of the events from which the present situation on the Isthmus of Panama resulted, express sincere regret that anything should have occurred to interrupt or to mar the relations of cordial friendship that had so long subsisted between the two governments."

Colon, quarantine regulations for, 7966.

Colon Fire Claims, mentioned, 6864.

Colonel Lloyd Aspinwall, The, seizure of, by Spain, and award to United States discussed, 4052.

Colonial Dames of America.—The Society of the Colonial Dames of America was organized in the City of New York, May 23, 1890, and was the first society of women for this patriotic purpose founded in this country. It was incorporated April 23, 1891. The Society is purely patriotic and educational in its objects, which are: (1) To collect and reserve relics, manuscripts, traditions and mementoes of the founders and builders of the thirteen original states of the Union, and of the heroes of the War of Independence, that the memory of their deeds and achievements may be perpetuated. (2) To promote celebrations of great historic events of National importance to diffuse information on all subjects concerning American history, particularly among the young, and to cultivate the spirit of patriotism and reverence for the founders of American constitutional history. This Society has a large membership and chapters in many states.

Another society of the same name and having similar purposes is composed of delegates from the state societies. These exist in the thirteen original states and in twenty-one other states and the District of Columbia, and are all incorporated. The aggregate membership is (1909) over 5,000.

Under the constitution of the National Society it is prescribed that the members shall be women "who are descendants in their own right of some ancestor of worthy life who came to reside in an American colony prior to 1750, which ancestor, or some one of his descendants, being a lineal ascendant of the applicant, shall have rendered efficient service to his country during the Colonial period, either in the founding of a commonwealth or of an institution which has survived and

developed into importance, or who shall have held an important position in the Colonial Government, and who, by distinguished services, shall have contributed to the founding of this great and powerful nation." Services rendered after 1776 do not entitle to membership, but are accepted for supplemental applications. There is no admission except through Colonial ancestry.

Colonial Society of America.—The object of this society is to advance historic research, and particularly to arouse and sustain widespread interest in the perpetuation of the memory of the chief historic events, places and scenes in the colonial and revolutionary periods of our country. The Society consists of members, patrons and fellows. They are persons interested in American history and the preservation of the historic scenes and places in the colonial and revolutionary periods.

The Society prepares each year etchings of historic scenes, buildings and places of America, and India proofs printed from the etching plates, signed by the artist, are sent to all members, patrons and fellows of the society, together with the Memorial Book of the Society, which contains a complete history of the subjects represented in the etchings. It also issues reproductions of rare documents, relics, etc., of historic value pertaining to the period.

Colonial System.—It was the custom of European countries having colonies in America to manage them solely for the profit and convenience of the mother country. In this Great Britain was no more culpable than other European nations. Great Britain's policy has of late become more liberal, her colonial possessions, wherever capable, being self-governing.

Colonies, interests of, must have equal consideration with interests of governments, 8424.

Colonization of Negroes. (See Negroes.)

Colonization Society, American.—A national organization formed at Washington, D. C., Jan. 1, 1817, for the purpose of encouraging the emancipation of slaves by providing a place outside the United States to which they might emigrate when freed. The scheme was also intended to relieve the South of the free black population. Numerous branches of the society were soon organized in many states. Free negroes were first sent to Sierra Leone, then for a short time to Sherbro Island, and in 1821 a permanent location was purchased near Cape Mesurado. In 1847 the colony declared itself an independent republic under the name of Liberia. It was recognized by the United States in 1861.

Colonization Society, American, agreement with, discussed, 3059, 3124, 3180.

Colorado.—One of the western group of states, named from the Colorado River; nickname, "The Centennial State"; motto, "Nil sine numine." It lies between lat. 37° and 41° north and long. 102° and 109° west, an area of 103,948 square miles. It is bounded on the north by Wyoming and Nebraska, on the east by Nebraska and Kansas, on the south by New Mexico and Oklahoma, and on the west by Utah. It is formed partly from territory included in the Louisiana Purchase and partly from that acquired from Mexico in 1848. Colorado is traversed by the Rocky Mountains and is noted for its beautiful scenery, formed by lofty peaks and deep canyons. Colorado is the chief gold and silver producing State in the Union and its iron, copper, coal and lead mines are also important. Extensive irrigation has contributed largely to the success of its agriculture, and stock-raising is one of the most important industries. The excellent climate has rendered the State noted as a health resort, especially in cases of pulmonary disease. It was organized as a territory in 1861 and admitted as a State in 1876 (4346). President Johnson vetoed two acts on this subject (3611, 3681). Area, 103,925 sq. miles; population in 1910, 799,024. Later estimates put the population at more than 1,000,000.

At latest reports, there were some 185,000 pupils in the 1,850 elementary schools and 175 high schools of the state educational system.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 46,170, comprising 13,532,113 acres, valued with stock and improvements at $491,471,806. The average value of land per acre was $26.81 against $9.54 in 1900. The value of domestic animals, poultry, etc., was $70,161,344, including 1,127,737 cattle, valued at $131,017,303; 294,035 horses, $27,382,926; 14,739 mules, $1,798,935; 179,294 swine, $1,568,158; 1,426,214 sheep, $6,586,187, and poultry, $1,012,251.

The most recent figures for the agricultural production were as follows:

Corn	11,067,000	$14,950,000
Wheat	13,335,000	26,000,000
Oats	9,670,000	7,735,000
Potatoes	12,800,000	11,262,000
Hay	2,045,000*a*	31,700,000
Beans	1,640,000	7,200,000

a—tons.

Recent figures show the number of farm animals as follows: Horses, 420,000; Mules, 30,000; Milch cows, 265,000; Other cattle, 1,360,000; Sheep, 2,300,000; Swine, 400,000. The annual wool clip is around 9,000,000 pounds. The national forests in the state have an area of some 13,370,000 acres.

Though Colorado does not now lead in the production of any important mineral substance, the United States Geological Survey reports that it closely approximates California in the production of gold, of which in former years it has been the leading producer. (See illustration opposite 4264.) It ranks eleventh among the mineral-producing states, and fifth among the states west of the Mississippi River. It is the leading producer of tungsten ores and vanadium minerals, and ranks second in the production of gold, third in the production of zinc and fluorspar, and fourth in lead.

According to the latest available reports, the annual mineral production of the state has a value of $33,260,000. The figures for the several metals are as follows:

	Amount	
	Ounces	*Value*
Gold	622,000	$12,950,000
Silver	7,120,000	7,000,000
	Pounds	
Copper	6,450,000	1,610,000
Lead	64,300,000	4,825,000
Zinc	85,200,000	6,700,000

Colorado ranks after California in the production of gold and ranks fifth in the production of silver.

Late figures show an annual coal production of 12,500,000 tons, a coke production of 770,000 tons, and an iron ore production of 117,000 gross tons.

Colorado leads all of the western states in the manufacture of pig iron, but produces only a small quantity of iron ore.

The number of manufacturing establishments in Colorado having an annual output valued at $500 or more at the beginning of 1915 was 2,126. The amount of capital invested was $181,719,000, giving employment to 33,715 persons, using material valued at $89,756,000, and turning out finished goods worth $136,839,000. Salaries and wages paid amounted to $26,568,000.

Colorado:
- Admission of, into Union—
  - Acts for, vetoed, 3611, 3681.
    - Table accompanying veto message, 3687.
  - Proclaimed, 4346.
  - Recommended, 4209.
  - Referred to, 4360.
- Boundary of, 6937.
- Constitution adopted by, discussed and action of President, 3573.
- Creation and organization of, as a Territory, referred to, 3254.
- Governor of, absence of, from Territory, referred to, 3721.
- Italian laborers lynched in, discussed and recommendations regarding, 6065, 6096.
- Labor disturbances in, 6942.
- Lands in, set apart as public reservation by proclamation, 5595, 5695, 5705, 5722, 5786, 5797.
- Miners' strike in, proclamation against, 7937.
- Unlawful combinations in, proclamation against, 5932.

Colorado National Forest, site for ranger station designated in, 7966.

Colorado River (Lower), improvement of, 7722, 7780.

Colorado Springs, Colo., act granting lands to, for water reservoirs returned, 5501.

Colored Troops, discharge of, for misconduct, 7329.

Colors of France presented to United States on the occasion of the presentation of an address of amity from the Committee of Public Safety in Paris, 181.

Columbia.—The poetical symbol of the United States, often visualized in the form of a tall and stately female figure. (See Uncle Sam.)

Columbia, The, attacked by Mexican armed vessel, 1684, 1685.

Columbia, The, mentioned, 6318.

Columbia, District of. (See District of Columbia.)

Columbia River:
- Exploration of, 396, 831.
- Improvement of recommendations regarding, 4571.
- Military posts at mouth of, recommended, 831.
- Referred to, 705, 768.
- Territory of United States on, information regarding occupancy of, 1615.

Columbian Exposition. (See World's Columbian Exposition.)

Columbian Historical Exposition at Madrid:
- Acceptance of invitation to participate in, recommended, 5622.
- Report of United States commissioners to, transmitted, 5988.

Columbian Institution for the Deaf.—This institution was established in Washington in 1857. Its average population is around 150, for whom it cares in the most modern and scientific methods at an average expenditure of about $125,000. Deaf persons within the District of Columbia are admitted free of charge, but residents of other states may be admitted by the payment of a yearly fee of $350, which includes all expenses except clothing. The institution is administered through the Interior Department, and it is divided into the following departments—Gallaudet College, Department of Articulation and Normal Instruction, The Kendall School, and the Domestic Department.

Columbus, Christopher. (See America.)

Columbus Day. (See Holidays, Legal.)

Columbus and Sandusky Turnpike referred to, 2278.

Columbus Barracks, Ohio, new buildings for recruiting service at, referred to, 4664.

Columbus, Ga., act for erection of public building at, vetoed, 5257.

Columbus, Knights of. (See Knights of Columbus.)

Columbus, N. M., attacked by Mexican bandits, 8133.

Columbus, Ohio, establishment of mint at, referred to, 4311.

Colville Reservation, Wash., agreement for cession of lands on, 5648.

Comanche Indians. (See Indian Tribes.)

Combinations:
- Industrial, necessity of, 7343.
- In restraint of trade, 7078.
- Of exporters for foreign trade, necessity of, 8405.

Combinations, Illegal. (See Illegal Combinations.)

Comet, The, compensations by Great Britain in case of, referred to, 1732 1784.

Comity of Nations.—A courteous custom, having the force of law, by which one nation holds itself accountable to the laws of another nation in matters of common interest; limitations as to the extent of the courtesy involved are frequently stipulated in treaties.

Commanders of Army. (See Encyclopedic Article, Army.)

Commerce.—The trade between states, countries and other political or economic units.

The commerce of the United States is reported by the Department of Commerce under two general headings, foreign and domestic. The extent of the foreign commerce is represented in the imports and exports, while the domestic trade is summed up in the freight traffic of the railroads. Besides that carried by the railroads, the rivers and lakes carry a considerable amount of merchandise, which is only partially reported.

The Sault Ste. Marie Canal carries nearly all the tonnage of the Great Lakes, and the Erie and other New York canals carry more than two million tons of freight annually.

A partial report of the traffic movement on navigable streams of the country made by the Inland Waterways Commission, places the commerce by this means of transportation at 70,933,142 short tons.

The astounding growth in the foreign commerce of the United States may be gathered from the following table, showing the value of the total exports and imports of the United States. The first column covers fiscal years; the second, calendar years.

1800..	$ 162,224,548	1910..	$3,429,163,055
1820..	144,141,669	1913..	4,276,614,772
1840..	221,927,638	1915..	5,333,267,542
1850..	316,885,252	1916..	7,874,276,436
1860..	687,192,176	1917..	9,185,980,552
1870..	828,730,176	1918..	9,180,300,255
1880..	1,503,593,404	1919..	11,824,790,922
1890..	1,647,139,093	1920..	13,506,497,797
1900..	2,244,424,266	1921..	6,994,148,099

The net tons of shipping clearing in the foreign trade from our ports has been as follows for the years indicated:

Year	*American*	*Foreign*	*Total*
1900*..	6,208,918	22,072,223	28,281,141
1910*..	8,808,603	30,897,255	39,705,858
1915*..	13,418,282	33,466,806	46,885,088
1918*..	19,206,233	26,807,749	46,013,982
1920**.	34,053,336	33,763,681	67,817,017
1921**.	30,180,809	32,476,358	62,657,167

* Fiscal year ending June 30. **Calendar.

In 1921, there entered United States ports 31,184,704 net tons of American shipping and 31,100,293 net tons of foreign shipping, a total of 62,284,997 net tons.

In 1921, the net tonnage of vessels clearing from United States ports to the chief countries of trade was as follows:

Canada	16,695,782
Mexico	10,344,550
United Kingdom	7,913,309
Cuba	3,866,619
Germany	2,669,065
Italy	2,560,250
France	2,085,905
Netherlands	1,629,756
Japan	1,596,457
Belgium	1,216,030

The following table shows the foreign trade of the United States for 1921:

U. S. TRADE BY CHIEF COUNTRIES, 1921

	Exports to	*Imports from*
Europe—		
Austria	$ 1,520,518	$ 2,014,063
Belgium	117,880,602	35,242,501
Bulgaria	1,914,723	402,686
Czecho-Slovakia	1,290,723	8,318,596
Denmark	39,554,648	8,854,986
Finland	9,171,940	6,157,191
France	224,941,707	141,885,117
Germany	372,325,232	80,279,943
Greece	29,376,353	21,737,200
Italy	215,462,901	62,289,880
Jugo-Slavia, Albania & Fiume	1,866,903	44,948
Netherlands	170,880,508	45,226,179
Norway	32,117,312	13,005,048
Poland & Danzig	24,787,888	894,064
Portugal	7,873,919	3,685,012
Roumania	5,037,989	94,031
Russia in Europe	14,187,850	138,648
Spain	69,197,443	26,159,927
Sweden	37,565,813	19,765,767
Switzerland	7,741,662	41,315,877
Turkey in Europe	17,339,361	5,170,897
United Kingdom	942,106,854	238,796,638
North America—		
Canada	$593,675,306	$335,441,004
Central America	53,197,799	30,797,251
Mexico	221,854,304	119,145,533
Cuba	187,726,179	230,374,341
Dominican Repub.	19,338,711	14,414,142
Other W. Indies.	40,904,369	18,428,947
South America—		
Argentina	$110,833,049	$ 59,925,960
Brazil	58,106,414	96,326,200
Chile	26,487,166	46,935,143
Colombia	17,734,662	43,976,205
Peru	24,028,627	14,733,239
Uruguay	13,771,331	12,512,249
Venezuela	9,498,257	11,295,159
Asia, Africa, Australasia—		
British E. Indies.	$ 8,396,469	$ 70,447,262
China	108,290,435	101,135,911
Dutch E. Indies.	32,340,408	32,141,773
Hongkong	18,725,912	10,242,211
India, British	56,769,898	78,188,776
Japan	235,423,679	251,267,660
Turkey in Asia.	6,607,749	8,075,741
Australia	82,756,378	22,820,976
New Zealand	28,071,813	9,839,291
Philippine Is.	46,516,049	52,161,812
British S. Africa	25,373,425	7,893,888
Egypt	13,704,244	22,013,469

CHIEF ARTICLES OF EXPORT, 1921

Breadstuffs	$748,015,627
Wheat (279,964,836 bu.)	$432,964,836
Flour (16,800,455 bbl.)	117,696,125
Corn (129,054,505 bu.)	92,871,188
Rye (29,811,721 bu.)	44,214,420
Iron and Steel Manufactures	$607,427,146
Cotton, unmanufactured	534,241,795
Oils, Mineral	384,224,542
Meat Products	298,212,479
Tobacco and Manufactures of	226,099,793
Coal	168,221,259
Cotton Manufactures	117,238,574
Electrical Machinery and Parts	95,814,885
Wood and manufactures of	90,517,459
Copper and manufactures of	89,279,924
Automobiles (38,428) and Parts	81,922,357
Fruits and Nuts	70,157,327
Chemicals, Drugs, Dyes, etc.	61,111,293
Leather and manufactures of	60,595,012
Paper, incl. Printed Matter	49,494,822
Sugar, refined, incl. maple	48,826,890
Milk and other Dairy Products	44,145,449
Cars, other Vehicles and Parts	40,297,310
Agricultural Implements	37,478,190

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Silk, unmanufactured	$264,723,439
Sugar, cane	235,282,414
Coffee (1,340,979,776 lbs.)	142,808,719
Wood and manufactures of	116,788,687
Jute, Sisal and other Fibres, Raw and Manufactured	111,282,894
Chemicals, Drugs, Dyes, etc.	95,603,912
Paper, chiefly newsprint	92,462,472
Fruits and Nuts	80,741,468
Oils, Mineral	77,389,637
Rubber, gutta percha, etc.	75,728,968
Cotton Manufactures	75,428,323
Hides and Skins	67,561,015
U. S. Products returned	66,214,357
Wool	60,481,687
Tobacco, Leaf	54,172,158
Breadstuffs (Wheat, $35,913,210)	53,683,562
Wool Manufactures	51,208,062
Silk, Manufactures of	48,248,777
Precious Stones	38,127,649
Oils, Vegetable	37,688,439
Furs, undressed	36,774,238
Meat and Dairy Products	35,706,890
Seeds, largely Flax- & Linseeds	34,494,239
Cotton, raw	32,902,193
Fish	29,041,707
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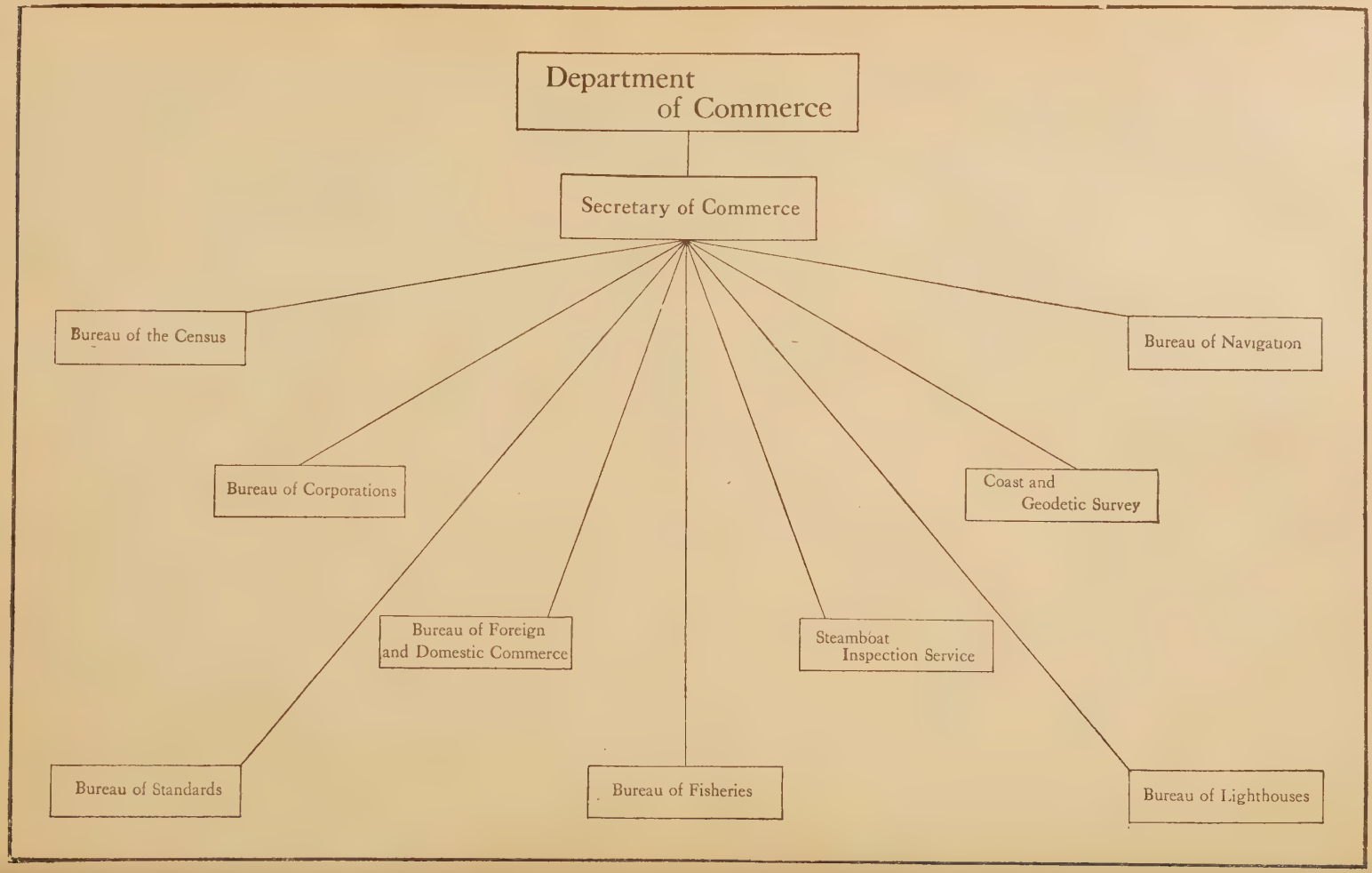
Department of Commerce
Secretary of Commerce
Bureau of the Census
Bureau of Navigation
Bureau of Corporations
Coast and Geodetic Survey
Bureau of Foreign and Domestic Commerce
Steamboat Inspection Service
Bureau of Standards
Bureau of Fisheries
Bureau of Lighthouses

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Commerce Court.—The Mann-Elkins act of June 18, 1910, created a new judicial body known as the Commerce Court to review the decisions of the Interstate Commerce Commission on appeal and to expedite rate cases formerly tried in the United States Circuit Courts.

It had the same jurisdiction as Circuit Courts in (1) all cases for the enforcement, otherwise than by adjudication and collection of a forfeiture or penalty or by infliction of criminal punishment, of any order of the Interstate Commerce Commission other than for the payment of money; (2) cases brought to enjoin, set aside, annul or suspend in whole or in part any order of the Interstate Commerce Commission; (3) such cases as by section three of the act entitled "An act to further regulate commerce with foreign nations and among the states," approved Feb. 19, 1903, were authorized to be maintained in a Circuit Court of the United States; (4) all such mandamus proceedings as under the provisions of section twenty or section twenty-three of the act entitled "An act to regulate commerce," approved Feb. 4, 1887, as amended, were authorized to be maintained in a Circuit Court of the United States.

The jurisdiction of the Commerce Court over cases of the foregoing nature was exclusive, but the Act did not affect the jurisdiction previously possessed by any circuit or district court of the United States over cases or proceedings of a kind not lying within the above-numerated classes.

The court was abolished Oct. 22, 1913, its jurisdiction transferred to the district courts and its judges were retained as circuit judges.

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Commerce, Department of.—In order to relieve some of the executive departments of the Government of the burden of greatly increased duties, and in response to the petitions of the industrial and commercial classes of the country for the establishment of a separate department of the Government to care for their interests, the Bureau of Labor, which was established June 27, 1884, and June 13, 1888, was succeeded by the Department of Labor, was succeeded in turn by the Department of Commerce and Labor, created Feb. 14, 1903. The Sixty-second Congress, on the last day of its session (March 4, 1913), separated the Department of Commerce and Labor into the Department of Commerce and the Department of Labor.

Like the Department of the Interior the Department of Commerce is composed of unrelated bureaus and branches of the public service. The fundamental purpose of the department is to promote the foreign and domestic commerce, the mining, manufacturing, shipping, and fishing industries, and the transportation facilities of the United States. The new offices created by the act of 1903 were the Bureau of Corporations and the Bureau of Manufactures. The Light House Board, the Light House Establishment, the Steamboat Inspection Service, the Bureau of Navigation, the United States Shipping Commissioner, the National Bureau of Standards, the Coast and Geodetic Survey (q. v.), the Commissioner-General of Immigration, the Commissioners of Immigration, the Bureau of Immigration, the Immigration Service at Large, the Bureau of Statistics (q. v.), and the Alaska Fur Seal Service were taken over from the Department of the Treasury. The Census Office was transferred to the Department of Commerce and Labor from the Department of the Interior. The Bureau of Foreign Commerce was taken from the Department of State and made a part of the Bureau of Statistics. The Fish Commission and the Office of Commissioner of Fish and Fisheries, which had heretofore existed as independent branches of the public service, are now attached to the Department of Commerce. The division of Cotton and Tobacco Statistics was organized in 1916.

Corporations.—The Bureau of Corporations, the head of which is a Commissioner, is one of the most important divisions of the department. It has authority to make investigations into the organization, conduct, and management of business of any corporation, joint stock company, or corporate combination (except common carriers) engaged in commerce among the several states and with foreign nations, and has the same power in respect to these as is conferred upon the Interstate Commerce Commission (see Interstate Commerce).

Manufactures.—It is the function of the Bureau of Manufactures to aid the manufacturing industries of the United States, and to assist them in gaining markets at home and abroad by supplying all available information concerning the various industries and their markets. To aid in this all consular offices, under the direction of the Secretary of State, are placed at the service of the Secretary of Commerce.

Following are the Secretaries of Commerce and Labor and the Presidents under whom they served:

President	*Secretary of Commerce and Labor*	*Appointed*
Roosevelt	George B. Cortelyou	1903
	Victor H. Metcalf	1904
	Oscar S. Straus	1907
Taft	Charles Nagel	1909

Secretary of Commerce

Wilson	William C. Redfield	1913
	Joshua W. Alexander	1919
Harding	Herbert C. Hoover	1921

For more detailed information as to the scope of the activities of the Department of Commerce consult the index references to the Presidents' Messages and Encyclopedic articles under the following headings:

Bureau of Foreign and Domestic Commerce.
Bureau of Navigation.
Bureau of Standards.
Census.
Coast and Geodetic Survey.
Corporations.
Fisheries.
Light House Service.
Manufactures.
Steamboat Inspection Service.

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Commercial reports, publication and circulation of, referred to, 4539, 6338, 6356, 6381, 6436, 6460.

Commercial Rights of United States, decrees of belligerent powers of Europe affecting, referred to, 446.

Commercial Tariff. (See Foreign Import Duties; Import Duties.)

Commercial Treaties. (See treaties under the several powers.)

Commissariat.—The part of the army detailed to supply equipment, food and transportation.

Commissary Department. (See War Department.)

Commissary General. (See War Department and Army.)

Commission.—The certificate clothing a person with authority in a position, as the commission of an ambassador.

Commission Form of Government.—The government of a city by a commission, instead of by a mayor and other city officials, was first instituted in Galveston, Texas, in 1901. Its usual form provides for the election of a certain number of commissioners from the city at large, who, in turn, elect one of their number to act as mayor and divide with each other the administration of the city departments. One commissioner may take charge of the police department, a second of the fire department, a third of a health department, and so on. A limited number of members of the commission, usually only five, has been the customary practice, in order to concentrate responsibility of government. Another object in limiting the number of commissioners is to secure a "short ballot." The commission movement has had added to it, in the case of some cities, the initiative, the referendum and the recall. In some cases, no recognition is given to political primaries or political parties; candidates for the office of commissioner being nominated by certificate.

History of the Commission Form of Government.—Washington, D. C., which came under the commission plan on June 11, 1878, by act of Congress, was the first city in the United States to adopt permanently this form of government. The application of the commission plan to the capital of the United States grew out of the relation of the National Government to the Federal city, and the capital was not at that time considered an example to other municipalities. The real beginning of the movement toward commission government in American cities was made in Galveston, Tex., in 1901. A destructive storm having overwhelmed the city in 1900, leaving it prostrate financially, the government was placed in the hands of a commission in the following year. The experience of Galveston under the commission plan was such that in 1905 it was adopted by Houston, Texas. The movement spread rapidly, and in 1909, 23 cities adopted the commission form for their government; in 1910, 66 cities; in 1911, 96; in 1912, 67; in 1913, 112; in 1914, 45; in 1915, 39; in 1916, 25; in 1917, 32; and in 1918, 24 cities. By the beginning of 1919, there were 641 cities in 41 states administered by a commission. Texas had 58 such cities; Illinois, 52; Kansas, 44; New Jersey, 40; and Pennsylvania, 32.

Among the cities which had adopted a commission form of government by the beginning of 1919 were: In Massachusetts—Lawrence, Lowell, and Gloucester; in Connecticut—Bridgeport; in New York—Buffalo, Auburn and Niagara Falls; in New Jersey—Atlantic City, Bayonne, Jersey City, Newark, Hoboken, Passaic and Trenton; in Pennsylvania—Allentown, Altoona, Easton, Erie, York, Harrisburg, Reading, Johnstown, Lancaster, South Bethlehem, Wilkesbarre; in North Carolina—Wilmington and Asheville; in South Carolina—Columbia; in Alabama—Birmingham; in Louisiana—New Orleans; in Tennessee—Memphis, Chattanooga, Knoxville, and Nashville; in Ohio—Dayton; in Michigan—Battle Creek, Grand Rapids; in Illinois—Springfield; in Iowa—Des Moines; in Minnesota—St. Paul and Duluth; in Kansas—Kansas City, Topeka and Wichita; in Nebraska—Lincoln and Omaha; in Montana—Butte; in Texas—Fort Worth, Dallas, Galveston, Houston and San Antonio; in Missouri—East St. Louis; in Oklahoma—Oklahoma City; in Washington—Tacoma and Spokane; in Oregon—Portland; in California—Oakland, Berkeley, San Diego; in Utah—Salt Lake City; in North Dakota—Bismarck and Fargo. Denver abandoned the commission form of government in 1916.

It must be confessed that the results of the commission form of government have not been all that were promised for it. The difficulty seems to be that there is no executive head to the government and hence no centralization of authority and responsibility. To remedy this defect, a number of cities have combined the commission form with a city manager, a kind of general superintendent of the entire city government. He is usually a well-paid executive (Dayton, Ohio, pays a salary of $12,500 to her city manager), who not only assumes direct control for the government, but also may be held responsible for all of its workings. By the beginning of 1919, more than 160 cities had combined the city manager with their commissions, the more important of such cities being Newburgh, Auburn, Watertown, and Niagara Falls, New York; Portsmouth, Roanoke, and Norfolk, Va.; Charleston and Wheeling, West Va.; Dayton and Akron, Ohio; Grand Rapids, Jackson and Kalamazoo, Mich.; Waltham, Mass.; Altoona and Bethlehem, Pa.; Wichita, Kan.; San Diego, Cal.

Commission of Labor. (See Labor, Commission of.)

Commissioner.—A person appointed to attend to duties in connection with the government, as the Commissioner of Pensions, a civil service commissioner, etc.

Commissioner of Internal Revenue. (See Internal Revenue.)

Commissioner of Labor Statistics, Labor Department.—The Bureau of Labor Statistics, which was created in 1883, was really the seed from which sprang the present Department of Labor. The Bureau collects, collates, and reports facts regarding the welfare of wage-earners. It publishes serial bulletins concerning its findings, which cover a wide range,—for instance, Wholesale Prices; Retail Prices and the Cost of Living; Wages and Hours of Labor; Women in Industry; Workmen's Insurance and Workmen's Compensation; Conciliation and Arbitration in Labor Disputes. Under act of May 30, 1908, the Bureau also administers compensation to certain classes of employees of the United States for injuries sustained in the service of the government. The Commissioner of Labor Statistics is appointed by the President, by and with the consent of the President, and his yearly salary is $5,000. (See Labor Department.)

Commissioner of Mediation and Arbitration. (See Mediation and Arbitration, Board of.)

Commissioner of Naturalization.—(See Naturalization.) By act of June 29, 1906, the Bureau of Immigration in the Department of Commerce and Labor (q. v.) was changed to the Bureau of Immigration and Naturalization. When the Department of Labor (q. v.) was organized as a separate department of the Government in 1913, the Bureau was separated into the Bureau of Immigration (q. v.) and the Bureau of Naturalization. The Commissioner of Naturalization is appointed from the competitive classified civil service (q. v.) and his yearly salary is $3,500. He not only has charge of the naturalization activities of the government, but also records the registry, date of entrance, and other data concerning each immigrant, granting a certificate containing such data to the immigrant himself.

Commissioner-General of Immigration.—(See Immigration.) The office of Superintendent of Immigration was created in 1891, and was placed under the Treasury Department. The title of Commissioner-general of immigration was bestowed in 1895, and in 1903 the officer was transferred to the newly-created Department of Labor and Commerce, from which he was transferred to the Department of Labor when the latter was organized in 1913. The Commissioner-general of immigration is appointed by the President, by and with the consent of the Senate, at a yearly salary of $5,000; and he is assisted by a deputy commissioner of immigration at a salary of $3,500. The Bureau of Immigration applies the laws concerning the admission and rejection of immigrants to the United States, and also the deportation of aliens. The Commissioner-general is charged also with the protection of and assistance to immigrants reaching this country; and pays particular attention to the problem of distributing them as advantageously as possible throughout the United States. He co-operates with the other departments of the government concerning the education and employment of immigrants and other matters pertaining to their welfare. All the immigrant stations of the country are under his supervision, as is the prevention of the surreptitious entry and smuggling of immigrants.

Commissioners. (See the several commissioners.)

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Committee.—One or more persons, elected or appointed, to whom any matter of business is referred, either by a legislative body or by a court or by any collective body of men acting together. It is the custom in all American legislative bodies to appoint committees for the transaction of their business. It is the duty of these committees to report to the central body their conclusions on all matters referred to them, thus presenting for discussion well-shaped or completed legislation, saving much valuable time and securing more concentrated effort. The committee system of conducting business was developed by the British House of Commons during Queen's Elizabeth's reign and was in full operation during the Commonwealth. It has, however, been partially superseded in England by the system of cabinet government. During early colonial days Virginia, Maryland, New York, Pennsylvania, and North Carolina copied the system from England, and the familiarity of the members of the Continental Congress with its workings naturally led to its use in that body. After the adoption of the Constitution Congress made sparing use of the committee system, but by 1820, under Speaker Clay, the system of standing committees had reached full development. The Senate followed slowly. The Senate appoints its own committees. This was formerly the custom of the House, but soon their appointment was given to the Speaker, which adds greatly to his power.

Committee of the Whole.—It is the regular custom of legislative bodies both in this country and in Europe, to intrust or commit all proposed legislation to committees appointed for the purpose of considering special subjects. These make reports and recommendations to the whole body. For the purpose of deliberating upon matters of general interest not comprehended in the scope of the regular committees, the entire legislative body sometimes resolves itself into a committee of the whole, under the chairmanship of some member other than the regular presiding officer. In the United States Congress the rules and practice of the House recognize two Committees of the Whole — namely, the Committee of the Whole House on the State of the Union, to which are referred public business and bills appropriating public money or property, and the Committee of the Whole House, to which are referred private bills and private business. The rules of proceeding in

the House are observed in the Committee of the Whole so far as they are applicable. No legislation can be enacted by the Committee of the Whole.

Committee on Industrial Relations. (See Industrial Relations Commission.)

Committee on Public Information. (See Public Information Committee.)

Commodore.—Formerly a courtesy title given in the United States Navy to the senior officer of a squadron. By an act passed in 1857 the senior captain of a fleet was known as the flag officer. The grade of commodore was created in 1862, along with that of rear-admiral, and established as the grade next above that of captain. This grade had the relative rank of a brigadier-general in the Army. Until that year a captain was the highest naval officer recognized by law. A captain or flag officer who commanded more than one vessel at a time was by common consent called commodore, and the title, once applied, generally clung to him. The title of commodore was abolished by the navy personnel act approved March 3, 1899, and the number of rear-admirals was increased by the same act to eighteen

Common Carriers.—The legal definition of common carrier applies to all who carry goods for hire indifferently for all persons. The term includes carriers by land and water. On the one hand they comprise railway companies, truckmen, teamsters and express companies, whether such persons undertake to convey goods from one part of a city to another or through the whole extent of the country, or between different states and countries; on the other hand they include owners and masters of every sort of vessel who undertake to carry freight for all who choose to employ them, whether between ports, along the coasts, or along navigable rivers, or across the seas. Common carriers are liable for all damages or loss during transportation from any cause except the act of God or the public enemy. Common carriers, when they undertake the general business of transportation, are obliged to carry all which offer and if they refuse without just excuse they are liable to action. They may qualify their common law responsibility by special contract. The bill of lading is the written evidence of the contract. The responsibility of the carrier begins on receipt of the goods from the owner. Common carriers of passengers are not held responsible as insurers of the safety of those they transport as common carriers are.

The regulation of common carriers by federal laws seemed unnecessary in the early history of legislation. The attention of Congress was finally engaged by a report submitted by the Cullom committee Jan. 18, 1886, which declared that "Unjust discrimination is the chief cause of complaint against the management of railroads in the conduct of business, and gives rise to much of the pressure upon Congress for regulating legislation." This report was based on 1,450 printed pages of testimony, and formed the basis of the Inter-State Commerce act of 1887.

The statute recognizes the fact that it is no business of a common carrier to foster particular enterprises or to build up new industries; but, deriving its franchise from the legislature and depending upon the will of the people for its very existence, it is bound to deal squarely with the public, to extend reasonable facilities for the transportation of persons and property, and to put all its patrons upon an absolute equality. The law of 1887 was amended by the Elkins act of 1903. This provided for a fine of from $1,000 to $20,000 on the company instead of imprisonment of the agent for wilful violation of the law, and provided for expediting cases before the federal courts. While the law virtually prevented the giving of direct rebates, yet it was found possible for the companies to grant indirect discriminations to favored shippers, especially those furnishing sidings, cars, or other facilities for transportation. The consolidation of competing roads was decided to be illegal in the Northern Securities case, decided March 14, 1904.

June 29, 1906, Congress passed the Hepburn law. This gave the Interstate Commerce Commission power to prescribe rates for common carriers, and broadened the definition to include all railroads, pipe lines, express and sleeping car companies; forbade the issue of free passes to any but employees and their families and a few prescribed others; forbade railroad companies to transport any commodities other than lumber produced or owned by the carrier; required schedules of all tariffs to be filed with the commission; imposed severe penalties for rebating; empowered the commission to prescribe a uniform method of bookkeeping.

For the later development of Federal regulation, see Interstate Commerce Commission, Anti-trust Law, Clayton Act, Trade Commission, etc.

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Publicity of accounts of, 6978.

Receivers for, 7342.

Common Law.—Common Law is defined to be those rules of action which have grown up from old usage and the decisions of judges. In the United States the term "common law" means that of England, including unwritten maxims and customs immemorial in that Kingdom, and the statutes passed by the English Parliament before the independence of the Colonies. July 4, 1776, is the date fixed by many states, but the rule is not uniform. With the exception of Louisiana, this forms the basis of the jurisprudence of all states. In many of them it has been expressly adopted by statute or constitutional provision. Under the first Constitution of the Colonies the people were declared entitled to the benefits of the common law of England, but it was left for the colonial courts to decide what common law was. The courts placed various constructions upon existing statutes and colonial legislatures modified the text in various ways. After the Constitution was adopted the strict constructionists maintained that there was no common law in respect to the jurisprudence of the Federal government, the nationalists taking the opposite view. Federal courts sitting in a Territory adopt common law rules of decision in the absence of statutes; in a state they adopt the common law of that state. The United States as a district sovereignty has no common law, and therefore there can be no common law offenses against it, but the Federal courts adopt the common law definition of common law crimes not defined by statute.

"Common Sense."—A pamphlet by Thos. Paine, published in 1776. It was a stirring appeal for American independence. Washington ordered it read to his troops.

Communism.— That creed or program holding that private property in essentials should be abolished, and that all necessary goods should be held in common, to be used by the individual according to his needs and desires. Examples of communist practice are to be found today in municipal streets, libraries, police and fire departments, schools, parks, sewage systems, street-lamps, etc.; an extension of the communist principle would occur if the individual were able to ride on railroads without payment of fare, the expense of the railroad systems being borne by the state irrespective of the varying usage of individuals. Obviously, extension of communism would depend upon increased production, and the practicable value of communism may be held to depend upon the extent to which the community is able to produce more goods by more scientific methods of procedure and by decreasing the production of non-essentials. (See also Socialism, Bolshevism and Anarchism.)

Communism is found in practice in the earliest records of civilization, and it is possible that the pre-historic tribes may have passed through a stage of communist existence. In many respects, the plan for an ideal state outlined in Plato's "Republic" may be called communistic, and if any one sociological label could be applied to the early Christian teachings, it would be "Communism." There were a number of communist groups in medieval times, largely Christian sects, and Sir Thomas More's "Utopia" was founded upon a basis largely communistic.

In the nineteenth century, largely as a result of the French Revolution and the teachings of Rousseau and the French Encyclopedists which preceded it, many communist schemes were evolved and put into practice, associated chiefly with the names of St. Simon, Blanc, Fourier, Cabet, and especially, Robert Owen. There have been numerous communist communities founded in the United States—such as Economy, Brook Farm, New Harmony, Oneida Community, Amana, Icaria, Zoar, Zion City—but most of them have been unsuccessful and have failed to maintain themselves. Among the groups founding such communities were the Shakers, Perfectionists, Rappites, Separatists and Dowieites.

The founders of modern "scientific" Socialism were wont at first to describe themselves as Communists, rather than as Socialists, as in the first half of the nineteenth century the latter term meant much what "Utopists" does today. Thus Marx and Engels called their famous manifesto of 1848 the Communist Manifesto; but in later years the word "Communist" was displaced by "Socialist." Recently, however, the term "communism" has been resurrected to be applied to Bolshevism and the Bolsheviki, especially by those who maintain that Bolshevism is not good Socialism; but reference to the article on Bolshevism will show that Communism as applied to Bolshevism is largely a misnomer. The Bolshevist elements which seceded from the Socialist Party of America in 1919 called themselves the Communist Party and the Communist Labor Party.

Compact.—Used generally as synonymous with *treaty* in diplomatic relations between countries.

Compatriot.—A fellow-countryman.

Compensated Emancipation. (See Emancipation.)

Compensation for injuries received in government employ, 7342.

Competitor, The, persons claiming American citizenship captured on, by Spanish authorities, 6180, 6183, 6262.

Compromise, Missouri. (See Missouri Compromise.)

Compromise of 1833.—The high tariff of 1828 caused much dissatisfaction throughout the south. By the act of July 14, 1832, amending the tariff law of 1828, many of the revenue taxes were reduced and the first tax was laid on woolen yarn. The oppressive features of these laws were more bitterly opposed in South Carolina than elsewhere, and resulted in the nullification of the law by that state. This was done by a convention held at Columbia, Nov. 19, 1832, which by ordinance declared the tariff acts of 1828 and 1832 null and void. Thus the question of nullification in its fullest development was brought into national prominence. March 1, 1833, Congress enacted a new tariff law in the nature of a compromise. It was practically the same bill as that introduced in the Senate by Henry Clay. It provided for the gradual scaling down of the high duties then existing until after ten years a free-trade basis should be reached. This compromise took the place of a low-tariff measure then under consideration in the House. The latter provided for a gradual scaling down of all duties so that 20 per cent should be the standard duty in 1842. (See also Nullification.)

Compromise of 1833, diminution of duties under, referred to, 1955.

Compromise of 1850.—On Jan. 29, 1850, Henry Clay introduced six resolutions in the Senate relating to (1) the admission of California as a free state; (2) Territorial governments for Utah and New Mexico without conditions as to slavery; (3) boundaries of Texas; (4) payment of Texas debt; (5) suppression of the slave trade in the District of Columbia; (6) fugitive slave laws. A special committee of thirteen, with Clay as chairman, combined these resolutions into one omnibus bill, which failed of passage. After the defeat of this (Clay's omnibus) bill several separate bills, having practically the same purpose of compromising on the slavery question, were introduced and passed. Under the compromise Texas was allowed $10,000,000 for New Mexico, and the area of that territory was reduced. Sept. 9, 1850, California was admitted to the Union with her free constitution. On the same day bills were passed for establishing territorial governments in New Mexico and Utah. These laws contain Senator Soulé's slavery-option clause. Sept. 12 amendments to the fugitive-slave law of Feb. 12, 1793, were passed, denying arrested negroes trial by jury and prohibiting redress to free colored seamen imprisoned in southern ports.

Compromise of 1850 (see also Slavery):
Adherence to, 2628, 2674.
Discussed, 2755.

Compromises of the Constitution.—Three important compromises were made by the Constitutional Convention in 1787. The most important question that agitated the members was whether each state's in-

fluence should be equal to that of any other state, or whether representation should be based upon population. The plan proposed by Edmund Randolph, of Virginia, and called the "Virginia plan," favored representation in both Houses according to population; that of William Paterson, of New Jersey, an equal vote for all states and only one House. As a compromise, proposed by William Samuel Johnson, of Connecticut, and originally suggested by George Mason, of Virginia, the Convention agreed to have two Houses with equal representation in the Senate and proportionate representation in the House. Secondly, it was proposed to tax both exports and imports at the discretion of Congress. Charles Cotesworth Pinckney, of South Carolina, declared that his state could not come into the Union under such a provision, as her wealth consisted mainly in one article of export—rice. It was therefore decided that no tax upon exports should be laid. Thirdly, North Carolina, South Carolina, and Georgia refused to enter into the Union if the slave trade was to be prohibited; so the third compromise agreed to was that Congress should not prohibit traffic in slaves before 1808 and that a fugitive-slave law should be enacted.

Comptroller of the Currency. (See Treasury Department.)

Comptroller of the Currency, reforms in office of, 7509. (See also Treasury Department.)

Comptroller of the Treasury.—The office of Comptroller of the Treasury was established by act of Congress in 1789. As defined by the law of 1894, the office is in charge of all appeals from the findings of the auditors (q. v.), and advises and aids the Treasury Department in determining the validity of all appropriations and payments passing through the Treasury Department. The Comptroller of the Treasury therefore passes legal judgment over all expenditures coming through the treasury of the United States; and, except for review by the courts, his decision is final. His yearly salary is $6,000, and he is assisted by an assistant comptroller, who receives a yearly salary of $4,500. (See Treasury Department.)

Comptroller of the Treasury, 785.

Compulsory Military Service.—A number of prominent Americans, notably ex-President Theodore Roosevelt and Major-General Leonard Wood, had been favoring compulsory military training for citizens of the United States even before the outbreak of the Great European War; but their efforts in this direction received little support from the mass of the American people. After August 1, 1914, however, a definite movement for military preparedness (see Preparedness) took shape in the United States, and the sentiment for universal military training became powerful. There arose also a strong antagonism to the proposal, and the discussion became active over the entire country.

Both the advantages and the disadvantages of the compulsory training are evident, and the question of its adoption hinges solely upon their relative values. Among the advantages may be cited the following: Compulsory military training is democratic, insofar as it places the burden of military service upon the shoulders of all alike, without distinction of wealth or of social station; whereas service in a small or even a considerable professional army is apt to be declined by the middle and upper classes. A trained standing army, with an even larger number of trained reserves, is always available for an emergency, whereas it requires months of training, to say nothing of legislation, to raise an army from the untrained citizenry. In times of war, the expense and the uncertainty of voluntary recruiting are abolished, along with the hectic campaign of hatred and vituperation towards the country's enemies which characterized England's campaign for recruits in the European War, for instance. Universal training also should have a beneficial effect upon the physical development of the individual, in addition to providing a definite census of the physical situation of the country's inhabitants, with provision for any defects which may need to be remedied. Universal training has been adopted by practically every European country, with the exception of England, and by Japan; so that, despite the large population of the United States, she could not put into the field in case of conflict with any of these countries an army which would bear comparison in size with their armies. And the example of France and of Switzerland is mentioned to prove that a country may adopt military training for all its inhabitants without becoming militaristic or without being fired by lust for conquest or by chauvinism.

Opponents of universal military training point out, on the other hand, that Germany, which in recent years has stood before the world as the greatest exponent of militarism (q. v.), was the country in which universal training received its impetus and highest development. France, they declare, adopted universal service too recently for the military spirit to overwhelm the French people, while countries like Switzerland are too small and have a population too scattered to nourish the seeds of militarism. These opponents claim further that war at its best is a brutalizing influence, and that training for war is apt to have a brutalizing effect upon the individual. Military service means blind obedience to orders, and the consequent stunting of the individual initiative; and a democracy must perish when its people get out of the habit of thinking for themselves. The opposition of military training to the finer instincts of democracy is shown by the fact that many persons who found a place in our history as most serviceable Americans fled to this country to avoid serving in European armies. The physical improvement in the individual can be obtained with physical training methods aside from the military drill; and the United States, unlike the European countries, separated by a vast expanse of water from any possible enemies, need not fear an invasion upon a few days' notice. And although the possession of a large military strength need not imply a desire for the utilization of it, yet it may inculcate a psychological aggressiveness which will fan any latent war spirit in times of disturbance.

Germany was the first of the great European powers to inaugurate the system of universal military training, and her successes in 1866 and 1870 were so startling that her example was followed by most of the other European countries, with the exception of England, who relies upon her fleet for war strength. Under the German system, all men were called to the colors for two years' service when they reached the age of 20. Owing to the fact that there was a constitutional check of 1% of the population upon the size of Germany's standing army, there were many and liberal exemptions to

the liability for military service. The men from the maritime cities and provinces recruited the navy. All the officers of the German army were professional military men, and those citizens who were trained for the upper classes in the military service received only one year of training. From 22 to 27 the German man was under the first reserve, and from 27 to 45 in the second reserve. The normal professional army of Germany in peace times was about 870,000.

France, although with a smaller population, by a system of three years' military service and of fewer exemptions has been able to maintain a peace army of about 720,000, including her colonial troops—only 150,000 less than the German army. (See Swiss System of Military Training, Australian System of Military Training; also Armies of the World, Military Training in Schools, World War, Preparedness.)

Concessioner.—One who obtains a special privilege from the Government, like the privilege of cutting timber or of using waterways.

Concessions, The.—The privileges enjoyed by New Jersey as a Province in 1664; these privileges having been granted by Berkeley and Carteret, who held authority from Charles II. These privileges served as a constitution for the Province of New Jersey until the Revolution.

Conciliation and Mediation. (See Mediation and Conciliation.)

Concord (Mass.), Battle of.—One of the opening skirmishes of the Revolutionary War. A detachment of 800 British soldiers under Lieut.-Col. Smith and Maj. Pitcairn had been sent from Boston to destroy or capture some military stores collected at Concord by the Americans. After a brief engagement at Lexington they reached Concord April 19, 1775, where they were opposed by 300 minutemen under Col. Barrett and Maj. Buttrick. After a short conflict, in which several were lost on each side, the British fled to Boston under a harassing fire of the Americans. (See also Lexington (Mass.), Battle of.)

Concord, The, mentioned, 6298, 6414, 6766, 6769, 6771.

Concurrent Resolution.—A resolution passed by the House of Representatives and the Senate not of sufficient importance to require the President's signature.

Confectionery. — As early as 1816 there were twenty confectioners in Philadelphia, and perhaps as many in New York. Each dealer, as a rule, manufactured his own stock by hand and sold it at retail. In 1845 machinery was introduced into the business, and the trade has so increased that today the manufacture of special machinery for confectioners' use has become a separate and important industry.

Among the pioneers in the business were Sebastian Henrion, succeeded in 1844 by Henrion & Chauveau and later by Sebastian Chauveau, who was the first to manufacture gum-drops, ju-jube paste and marshmallows in this country; Paul Lajas, who became a sugar refiner; George Miller, William N. Herring, S. S. Rennels and J. J. Richardson, of Philadelphia. In New York, Ridley & Co. was established in 1806; R. L. Stuart in 1828, followed by Thompson, Stryker and the Delmonico Brothers. In Boston, the Chases, Copenhagen, Nichols and Fenno were leaders, while in Baltimore the pioneers were Bouvey, Price and Bridges.

In 1850 there were in the United States 383 factories, employing 1,733 persons and producing $3,040,671 worth of goods, with an investment of $1,035,551. By 1900 the number of establishments had grown to 4,297, with a capital of $35,155,361, employing 33,583 persons, paying in wages $10,867,687, and turning out $81,290,543 worth of goods. Ten years later the value of the output was $134,795,000.

In 1884 the National Confectioners' Association of the United States was formed by leading candy manufacturers. One of its stated purposes is "to advance the standard of confectionery in all practicable ways, and absolutely to prevent harmful adulterations." In most states the sale of candy containing harmful ingredients is forbidden by law.

Confederacy, United Daughters of the.—This organization was organized at Nashville, Tennessee, on September 10, 1894, with a membership of 90,000 in its 3,000 chapters. It is composed of the widows, wives, or female descendants of military or civil workers under the Confederacy. Its objects are the unification of the womanhood of the South, and the preservation of objects and data of historical interest.

Confederate Flags:

Captured, to be presented to Congress, 3309.

Return of Union and, to respective States recommended, 5163.

Proposition withdrawn, 5164.

Confederate Soldiers, proposed national care of graves, 7006.

President Wilson's speech at dedication of monument to, at Arlington, 7948.

Confederate Soldiers' Homes. (See Soldiers' Homes.)

Confederate States.—A government organized in February, 1861, by the states of South Carolina, Mississippi, Florida, Alabama, Georgia, Louisiana and Texas. Later Arkansas, North Carolina, Virginia, and Tennessee seceded from the Union and joined the Confederacy. The provisional Congress met at Montgomery, Ala., Feb. 4, 1861, and adopted a provisional constitution February 8. Jefferson Davis was elected provisional president and Alexander H. Stephens provisional vice-president. Later a permanent government was organized. A permanent constitution was adopted March 11, 1861. Mr. Davis and Mr. Stephens were elected president and vice-president, respectively, and they were inaugurated Feb. 22, 1862, at Richmond, Va., which was made the permanent seat of government.

The history of the Confederate States is almost entirely confined to a history of the Civil War. The United States Government denied the right of any state to secede from the Union, refused to recognize the Confederate States as anything more than rebellious members of the Union, and immediately took measures to bring them into subjection The Confederate States were granted belligerent rights by most of the maritime nations, but their independence was recognized by none (pages 3327, 3565). Money was obtained by the issue of treasury notes and by loans on cotton. After a war of four years the government of the Confederate States practically came to an end with the surrender of Gen. Lee at Appomattox, April 9, 1865.

Confederate Cabinet.—The Confederate States had a cabinet composed of the heads of executive departments, similar to the United States Government and created for like purposes. The heads of the departments exercised similar powers and were clothed with duties and responsibilities corresponding to those of Cabinet officers in the United States. The President was empowered to remove members of his cabinet. Congress was authorized to provide for the admission of cabinet officers to a seat in either house, with the privilege of participating in debates pertaining to their department. This provision remained inoperative, as the congress failed to provide the appropriate legislation. The secretaries of state were Robert Toombs, of Georgia, Robert M. T. Hunter, of Virginia, and Judah P. Benjamin, of Louisiana; of the treasury, Charles G. Memminger and George A. Trenholm, of South Carolina; of war, L. Pope Walker, of Alabama, Judah P. Benjamin, of Louisiana, George W. Randolph, of Virginia, James A. Seddon, of Virginia, and John C. Breckinridge, of Kentucky; of the navy, Stephen R. Mallory, of Florida; postmaster-general, John H. Reagan, of Texas; attorneys-general, Judah P. Benjamin, of Louisiana, Thomas Bragg, of North Carolina, Thomas H. Watts, of Alabama, and George Davis, of North Carolina. The last member of this cabinet, John H. Reagan, died at Palestine, Texas, on March 6, 1905.

Confederate Congress.—The provisional congress of the seceding southern states met at Montgomery, Ala., Feb. 4, 1861. Two sessions were held here. The government removed to Richmond, Va., May 24, 1861. The last two sessions were held in the latter city, final adjournment taking place Feb. 17, 1862. The first Confederate Congress held four sessions between Feb. 18, 1862, and Feb. 18, 1864, to organize the Confederacy, frame a constitution, and devise means for carrying on the war. It consisted of twenty-four senators and about one hundred representatives. The second Confederate Congress had two sessions between May 2, 1864, and March 18, 1865.

Confederate Constitution.—The constitution adopted by the Confederate States of America at Montgomery, Ala. A provisional congress, composed of delegates from the seceding states, met in that city Feb. 4, 1861, and on the 8th adopted a provisional or temporary constitution. March 11 they agreed upon a permanent constitution, which was afterward ratified by all the seceding states. It was based upon that of the United States, with the following chief exceptions: It recognized the principle of state sovereignty and the protection of slavery in all new territories; it prohibited internal improvements at federal expense and contained a prohibition against laying any duties on imports "to promote or foster any branch of industry"; new states were to be admitted by a vote of the states; state legislatures could impeach Confederate officers acting within their jurisdiction; the president was to be elected for a term of six years and was ineligible for re-election; the appropriating power of congress was limited, and the right of debate in congress was extended to heads of departments.

Commissioners to Europe.—There were sent abroad to secure assistance and co-operation in Europe William L. Yancey and James M. Mason to the Court of St. James, John Slidell to Paris, Pierre A. Rost to Madrid, A. Dudley Mann to Brussels, and L. Q. C. Lamar to St. Petersburg, although each made visits to other capitals. The arrest of Mason and Slidell aboard a British steamer and their subsequent release upon demand of Great Britain points to the probability of intervention by that power in behalf of the Confederate States.

Confederate States (see also Confederate Constitution; Reconstruction; Restoration; Secession; Slavery; Southern States; Civil War):
Acts for admission of certain Southern States vetoed, 3846, 3848.
Acts to provide for more efficient government of rebel states vetoed. (See Reconstruction.)
Agents of, abroad, suits instituted in English courts against, 3661.
Aid furnished to, by Great Britain. (See Alabama claims.)
Belligerent rights accorded, by foreign powers discussed, 3259, 3327, 3565.
Recognition and aid from foreign powers invoked by, 3221, 3246.
Blockade of ports of. (See Blockades.)
Circuit courts to be re-established in, recommendations regarding, 3556.
Correspondence regarding, referred to, 3576.
Claims against citizens of, and means of collecting discussed, 3251.
Commercial intercourse with, prohibited, 3238, 3366, 3483.
Restrictions on, removed from certain ports, 3290, 3310, 3372, 3375, 3417, 3431, 3482, 3507, 3515, 3524, 3529, 3531, 3537.
Constitution of. (See Confederate Constitution.)
Courts of justice for, recommended by President Lincoln, 3251.
Direct tax, collection of, referred to, 3589.
Envoys of, sent to France and Great Britain. (See Mason and Slidell.)
Executive departments of, historical statement of Gen. Sherman concerning public policy of, referred to, 4850.
Flags of—
Captured, to be presented to Congress, 3381.
Return of, to respective States, recommended, 5163.
Proposition withdrawn, 5164.
Government employees assisting in rendition of public honors to rebel living or dead, referred to, 3591.
Government of, first located at Montgomery, Ala., 3225.
Transfer of, to Richmond, Va., 3225.
Governments to be re-established in—
Act to guarantee republican form of government to states whose

governments have been overthrown, 3424.
Discussed, 3390.
Proclamations regarding, 3414, 3423.
In which insurrection exists proclaimed, 3238, 3293, 3358, 3366.
Proclamations declaring insurrection at an end, 3627, 3632.
Joint resolution declaring certain States not entitled to representation in electoral college discussed, 3461.
Joint resolution excluding electoral votes of states lately in rebellion, vetoed, 3849.
Policy of President of United States toward, referred to, 3667.
President of. (See Davis, Jefferson.)
Products of, authority given to purchase, 3441.
Rebel debt, referred to, 3583, 3588.
Reconstruction of. (See Reconstruction.)
Restoration of. (See Restoration.)
Secretary of War of. (See Seddon, James A.)
Union and Confederate flags, return of, to respective States recommended, 5163.
Proposition withdrawn, 5164.
Confederate Veterans. (See United Confederate Veterans.)
Confederate Veterans, United. (See United Confederate Veterans.)

Confederate Veterans, United Sons of.—This organization was formed in Richmond in 1896 for charitable, historical and social purposes. It is composed of male descendants of men who served the Confederacy actively during the Civil War.

Confederation, Articles of.—The Second Continental Congress appointed on June 11, 1776, a committee to draw up Articles of Confederation and Perpetual Union. This committee presented a draft to Congress July 12, 1776. Nov. 15, 1777, they were adopted with amendments as "Articles of Confederation and Perpetual Union between the States." July 9, 1778, the Articles were signed by delegates from eight states. March 1, 1781, the delegates from Maryland also signed, and on the same date the final ratification was ordered by Congress. The original is indorsed: "Act of Confederation of the United States of America." These Articles provided for a single House of Congress with power to raise money by requisition on the states. Ratification of the articles by all the states was necessary, and they could not be amended save by the consent of every state. They did not operate on individuals and could not command respect abroad or enforce order at home. After numerous futile attempts to amend them a convention, following the suggestion of the Virginia and Maryland boundary commissioners, was called at Annapolis, Md., in 1786, which in turn called a convention at Philadelphia in 1787. The last-named body rejected the Articles of Confederation and framed instead the present Constitution, which, after its ratification by nine states, became the supreme law of the land (page 5).

Confederation, Articles of, 5.
Signers of, 13.
Congo Conference, at Berlin, referred to, 4823, 4855, 4865, 4915.

Congo Free State.—A dependency of Belgium in the heart of Africa. It extends from 5° 30′ north of the equator to about 12° south, and from the central lake region north and west to the Congo River. The northwest boundary follows that river to its mouth, which provides an outlet to the Atlantic Ocean. The exact boundaries were defined by the neutrality declarations of August, 1885, and December, 1894, after treaties with Great Britain, Germany, France and Portugal. The country has access to the Nile at the Lado *enclave,* of which that river forms the eastern boundary. The area of the country is estimated at more than 900,000 square miles, and the inhabitants at 20,000,000. The European population, Jan. 1, 1908, numbered 2,943, including forty-seven Americans. The state had its origin in the companies formed for trade and exploration in that region.

The African International Association, founded in 1877, sent Henry M. Stanley on an expedition up the Congo River to establish trading posts and report on the possibilities of travel and transportation. After Stanley's return the Comité d'Etudes du Haut Congo was formed under the auspices of Leopold II, King of Belgium, and in 1879 this became the International Association of the Congo. This organization again sent Stanley up the great river. He and his men built roads, founded trading stations and made more than 400 treaties with native chiefs, conveying the sovereignty of these chiefs to the International Association of the Congo. The association then appealed to the Powers of the world for permission to combine these numerous sovereignties into one independent state. The United States was the first country to recognize the International Association of the Congo as a sovereign independent power, under the name of the Congo Free State. This was done in accordance with the report of the Committee on Foreign Relations of the Forty-eighth Congress, which reported that the acts of the native chiefs were clearly within their rights and that the association could lawfully accept them (pages 4823, 4914). Within a year Austria, France, Germany, Great Britain, Italy, the Netherlands, Portugal, Russia, Spain, and Sweden followed the example of the United States.

A general act of the International Congo Conference, held at Berlin in 1885, established freedom of trade in the basin of the Congo, declared absolutely free the navigation of the Congo, its tributaries and the lakes and canals connected with it, laid down rules for the protection of the natives and the suppression of the slave trade, and imposed upon the powers which signed the act the obligation to accept the mediation of one or more friendly governments should any serious trouble arise in the Congo basin. The United States declined to ratify this act, on the ground that such action imposed upon it international obligations at variance with its traditional policy. The Conference placed the state under the sovereignty of King Leopold II of Belgium, on the basis of personal union with Belgium, though perpetually neutral and free to the trade of all nations, and guaranteed equality of treatment to all settlers of whatever nationality. By a will dated Aug. 2, 1889, Leopold bequeathed to Belgium all his sovereign rights in the

Congo Free State. The atrocities committed by the Belgians against the natives became an international scandal, and merit rank with the most bestial persecutions of modern times, such as those of the Turks against the Armenians and Bulgarians, the Russians against the Jews, or the Germans against the Belgians.

July 21, 1890, the territory of the state was declared inalienable, but a convention of July 3, 1890, reserved to Belgium the right to annex the Congo after a period of ten years. A treaty for annexation was signed Nov. 28, 1907, approved by the Belgian legislature in August, 1908, and by the King Oct. 18, 1908. By February, 1909, Germany had recognized the annexation. The exports of the country consist of rubber, ivory, palm nuts, palm oil, white copal, cocoa, coffee, gold and copper ore. Cottons, provisions, clothing, wines and spirits, machinery, building material, arms, ammunition are sold to the country. The bulk of the trade is with Belgium.

In 1914 the Congo completed its sixth year as a Belgian colony. The Belgian Parliament provided for its administration and appointed Baron Wahis governor. Many complaints have been made of cruel treatment of natives by traders. Great Britain withheld her recognition of the annexation until there was evidence of satisfactory conditions in the Congo. Nov. 21, 1911, British consuls in the country reported that conditions in general had improved but that abuses continued in those districts where rubber is demanded in lieu of taxation. (See also Belgium.)

Congo Free State:

Act for reform of revenue tariff of, referred to, 5621.

Arms and ammunition, act prohibiting sale of, to natives of, recommended, 5868.

Discussed, 4914.

International Association of the Congo recognized by United States, 4823, 4914.

Referred to, 4988.

Reform in, prospect of, discussed, 7412.

Report on conditions in, discussed, 7393.

Slave trade in—

Conference at Brussels for suppression of, 5543.

Recommendations regarding, 5868.

Valley of Congo opened to commerce, discussed, 4762.

Congo, Treaties with.—The International Association of the Congo declared in 1884 that by treaties with the legitimate sovereigns of the basin of the Congo and adjacent territory on the Atlantic it had established supervision over the commerce of the several countries and adopted a common standard for said free states consisting of a blue flag with a golden star in the center. Recognition of this flag was accorded by the United States by declaration of Secretary Frelinghuysen April 22, 1884.

Congress.—A formal meeting or association of persons having a representative character for the enactment of laws, or the consideration of some special subject, or the promotion of some common interest. In the United States all legislative powers are granted by the Constitution to Congress. This body consists of the Senate (*q. v.*) and the House of Representatives (*q. v.*). The powers of Congress are enumerated in the Constitution, Article I, section 8, and all the powers not delegated to the United States by the Constitution nor prohibited by it to the states are reserved to the states respectively or to the people. The power of Congress is absolute within the scope of its authority except as it may be restrained by the veto of the President. The Senate is composed of two members from each state regardless of size or population. The members of the House are apportioned on the basis of Federal population. The Constitution provides (Article V) that "no state, without its consent, shall be deprived of its equal suffrage in the Senate." The Senate is presided over by the Vice-President of the United States, who is also President of the Senate, and the House of Representatives by a Speaker chosen by its members. The Vice-President has no power except in cases where the Senate is equally divided. Congress is required to "assemble at least once in every year, and such meeting shall be on the first Monday in December unless they shall by law appoint a different day." Measures that have passed both Houses are sent to the President, who may either approve or veto them, or do neither, in which latter case the measure becomes a law after ten days from the time it is presented to him, unless in the meantime Congress shall have adjourned. If he approve the bill and sign it, it becomes a law, but if he disapprove it he must return it with his objections to the House in which it shall have originated for reconsideration by them. In such a case, after reconsideration, it requires the affirmative vote of two-thirds of the members in each of the two bodies to pass the measure. Legislation which exceeds the constitutional power of Congress may be declared unconstitutional and void by the Supreme Court of the United States when that body is properly appealed to by either party in any controversy arising in an attempt to enforce such legislation. Each House is by the Constitution "the judge of elections, returns, and qualifications of its own members" (page 17). (See also Senate and House of Representatives; United States, Government of, and Apportionment.)

Congress:

Act appointing day for annual meeting of, vetoed, 1450.

Act of—

Approved, but not signed, whether in force, discussed, 856.

Duly certified and approved, which had not passed, discussed, 1353.

Effect on, of adjournment of Congress before expiration of 10 days after presentation to President, discussed, 3797.

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Congress, Number of.—Each congress is numbered and holds two annual sessions, respectively termed the long and the short session, each assembling on the first Monday in December and may be called in special session by the President or by joint resolution of both houses. The life of a congress lasts from 12 o'clock noon on March 4 of the odd-numbered year following the election of representatives until 12 o'clock noon on March 4 of the next odd-numbered year. To determine the years covered by a given congress multiply the number of the congress by two and add the product to 1789. The result will be the year in which the congress closed Example: Sixty-second Congress. Twice 62 is 124; adding 124 to 1789 gives 1913, the year during which (on March 4) the Sixty-second Congress must expire. To find the number of a congress sitting in any given year subtract 1789 from that year; if the result be an even number, half that number will give the congress of which the year in question saw the close; if the result be an odd number, add one, and half the sum will give the congress of which the year in question was the first year.

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Congressional Elections:
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Congressional Globe.—That part of the proceedings of Congress which was published between 1833 and 1873. The Globe was first issued as a newspaper. Later it succeeded the Register of Debates. It was succeeded by the Congressional Record. The Congressional Globe was started as a private enterprise Dec. 7, 1833. Volume I, No. 1, began with the proceedings of the Twenty-third Congress. It was published weekly and each volume was devoted to one session of Congress. The second session of the Fortieth Congress, 1869, was comprised in one volume of five parts, aggregating more than 5,000 pages. (See also Annals of Congress; Congressional Record; Register of Debates.)

Congressional Library. (See Library of Congress.)

Congressional Record.—A complete record of the debates and proceedings of Congress from December, 1873, to the present time. It is the successor to the Congressional Globe, and is printed and circulated by the Government. The Congressional Record is issued daily during the sessions of Congress. Each member of Congress is gratuitously supplied with a specified number for his constituents. It may also be obtained by subscription, the price being $8 for the long and $4 for the short session. The Congressional Record began with the special session of the Forty-third Congress, convened with the inauguration of President Grant for the second term, March 4, 1873. One volume is devoted to the proceedings of each session, but the volumes are generally bound in several parts. Vol. XLV, covering the proceedings of the second session of the Sixtieth Congress, Dec. 6, 1809-June 25, 1910, consists of eight parts, aggregating more than 10,000 pages. (See also Annals of Congress; Congressional Globe, Register of Debates.)

Congressman.—A member of the United States Congress or Legislature,—either in the Senate or the House of Representatives; more commonly used to designate a member of the House of Representatives.

Congressman-at-Large.—A member of United States House of Representatives elected by the voters of an entire state, and not, as is customary, by those of a Congressional district. The election of a Congressman-at-large is a device adopted by a state to secure proper representation in Congress under a Federal apportionment act pending the passage of a state law redistricting the state in accordance with the Federal allowance of Representatives. The apportionment act of Jan. 16, 1901, provides that after March 3, 1903, the House of Representatives shall be composed of 86 members apportioned as follows: Alabama, 9; Arkansas, 7; California, 8; Colorado, 3; Connecticut, 5; Delaware, 1; Florida, 3; Georgia, 11; Idaho, 1; Illinois, 25; Indiana, 13; Iowa, 11; Kansas, 8; Kentucky, 11; Louisiana, 7; Maine, 4; Maryland, 6; Massachusetts, 14; Michigan, 12; Minnesota, 9; Mississippi, 8; Missouri, 14; Montana, 1; Nebraska, 6; Nevada, 1; New Hampshire, 2; New Jersey, 10; New York, 37; North Carolina, 10; North Dakota, 2; Ohio, 21; Oregon, 2; Pennsylvania, 32; Rhode Island, 2; South Carolina, 7; South Dakota, 2; Tennessee, 10; Texas, 16; Utah, 1; Vermont, 2; Virginia, 10; Washington, 3; West Virginia, 5; Wisconsin, 11; Wyoming, 1. It also provided that Congressmen shall be elected from districts composed of contiguous territory and containing as nearly as possible an equal number of inhabitants, the number of such districts equaling the number of Representatives to which the state is entitled; but "in case of an increase in the number of Representatives which may be given to any state under this apportionment such additional Representative or Representatives shall be elected by the state at large and the other Representatives by the districts now prescribed by law until the legislature of such state, in the manner herein prescribed, shall redistrict such state." The present membership of the House is thus, 435. (See Apportionment and House of Representatives.)

Congressmen, campaign funds of, publicity of, recommended, 7439.

Connecticut.—One of the thirteen original states of the American Union; nickname, "The Nutmeg State"; motto, "Qui transtulit sustinet" (He who transplanted still sustains). It lies between lat. 41° and 42° 3′ north and long. 71° 55′ and 73° 50′ west, an area of 5,004 square miles. It is bounded on the north by Massachusetts, on the east by Rhode Island, on the south by Long Island Sound, and on the west by New York. Connecticut is largely a manufacturing State, due to its position which gives easy access to the large distributing centers; its chief products are hardware, firearms, silks, cotton and woolen goods, and clocks. Connecticut was settled by English Colonists from Plymouth, Mass., about 1635, although the Dutch had been there somewhat earlier. Charles II granted a charter to the Connecticut and New Haven Colonies in 1662, and soon thereafter they united. The present constitution was adopted in 1818.

Population in 1910, 1,114,756. Latest estimate 1,290,000.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 26,815, comprising 2,185,788 acres, valued, with stock and improvements, at $159,399,771. The value of domestic animals, poultry, etc., was $14,163,902, including 195,318 cattle, valued at $6,730,287; 46,341 horses, $5,739,400; 52,372 swine, $472,741; 22,418 sheep, $112,349; poultry, $988,653.

The latest figures for the yield and value of the chief crops are as follows:

	Bushels	*Value*
Corn	2,800,000	$ 4,785,000
Tobacco	37,500*a*	16,500,000
Hay	524,000*b*	12,575,000
Oats	912,000	820,000
Potatoes	2,470,000	4,075,000

a—pounds; *b*—tons.

Latest figures show 45,000 horses, 25,000 sheep, 83,000 pigs, 115,000 milch cows and 75,000 other cattle.

The mineral products are not very important, the annual yield being valued at

between three and four million dollars. These figures represent chiefly clay products and stone.

The number of manufacturing establishments in Connecticut having an annual output valued at $500 or more at the beginning of 1915 was 4,106. The amount of capital invested was $620,194,000, giving employment to 254,498 persons, using material valued at $288,454,000, and turning out finished goods worth $545,249,000. Salaries and wages paid aggregated $160,730,000.

Latest statistics show a school population of 325,000, with an enrollment of 233,488 and an average daily attendance of 180,886. The number of teachers was 7,163 and their average monthly salary, $75.

Connecticut:
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Refusal of governor of, to furnish militia for defense of frontier, 501.

Connecticut River, practicability of connecting Lake Memphremagog with, 873.

Conquest.—The capture of territory by military force.

Conscientious Objectors.—The term applied in England to those persons with inner objections to participating in war so strong that they refused to allow themselves to be subjected to military service. The term was used to describe both those whose conscientious scruples against war were limited to direct military service, and who hence accepted non-combatant service as an alternative; and to those who refused to perform any service under military orders, whether combatant or non-combatant, or even to assist in any way their government while it was at war. It is estimated that of these latter class there were in England almost 1,000 in jail on June 1, 1917. By 1920, they had all been granted amnesty and released.

In March, 1918, President Wilson issued an executive order, the full extent of which will be found by consulting the reference below, ordering that wherever possible the opportunity for constructive alternative non-military service be offered bona fide conscientious objectors, and that even "absolutists," who might refuse to avail themselves of that opportunity, be treated wherever possible with consideration and leniency. There were less than 1,000 conscientious objectors drafted into the army who refused to accept alternative non-combatant service under the President's order. In May, 1918, the President further ordered that those conscientious objectors who were found to be quite sincere in their stand after a rigid examination be assigned to farm work without being released from their military obligations, and all but several hundred accepted this offer. By 1920, many of the "absolutists" who had preferred imprisonment to alternative service of any kind had been discharged from further detention, but others were still kept in jails under sentences running as high as fifteen, twenty, and twenty-five and thirty years.

Conscientious Objectors, regulations concerning, 8475.

Conscription.—An enforced enlistment for army or navy service. (See Drafts.)

Conservation Commission.—The National Conservation Commission was created by President Roosevelt June 8, 1908, as the result of a conference, held at the White House, May 13, 1908, of the governors of the states and territories. The President had invited these officials and other eminent men to confer on the subject of national resources. Among the notable addresses were those of Andrew Carnegie, on iron and coal in relation to their exhaustion; Elihu Root, urging the states to exercise their sovereignties in preserving their natural resources; James J. Hill, on the wasteful use of the soil; William J. Bryan, John Mitchell, Governor Glenn, of North Carolina; Gifford Pinchot, and James R. Garfield.

The object of the conference was to arouse the public conscience to the unnecessary waste and destruction of the forests, streams and mineral deposits, and the depletion of the soil, and to encourage by public sentiment and laws the conservation and development of the bountiful provisions of nature for the happiness and welfare of man.

Within a month after the creation of the national commission the governors of five states had appointed state conservation commissioners and an equal number of organizations of national scope had named conservation committees. By January, 1909, thirty-six states and territories had formed conservation commissions, and the indications were that all the remaining states would soon take similar action. Besides these, forty-one national organizations had appointed conservation committees. Under the direction of the national commission the first inventory of the natural resources of the United States ever made was accomplished.

The aim and scope of the Conservation Commission is summarized in the following brief extracts from the report made to the President Dec. 7, 1908:

"The duty of man to man is no greater than the duty of each generation to the next, and the obligation of the nation to the actual citizen is no more sacred than its obligation to the citizens to be. In this country, blessed with natural resources in unsurpassed profusion, the sense of responsibility to the future has been slow to awaken. Forests have been cleared away as obstacles to the use of land. Neglect of the waterways and approaching exhaustion of the forests directed attention to the rapid depletion of the coal and iron deposits and the misuse of the land.

"In the present stage of our national development wise and beneficial uses are essential and the checking of waste is absolutely demanded. The most reprehensible waste is that of destruction, as in forest fires, uncontrolled flow of gas and oil, soil wash, and abandonment of coal in mines. Nearly as bad is the waste arising from misuse, as the consumption of fuel in furnaces and engines of low efficiency, use of ill-adapted structural materials, growing of ill-chosen crops, and the perpetuation of inferior plants and animals, all of which may be remedied.

"Even as we have neglected our natural resources so have we been thoughtless of life and health. Natural resources are useless without men and women to develop them; we cannot, therefore, too soon enter upon the duty of conserving our chief source of strength by the prevention of disease and the prolongation of life.

"At the present rate of coal production the supply will approach exhaustion by the middle of the next century. The sup-

ply of high-grade iron ore, at the present rate of consumption, cannot be expected to last beyond the middle of the present century. Petroleum, though increasing in supply, is also enormously misused and wasted, and cannot be expected to last beyond the middle of the present century. The daily waste of natural gas is enough to supply every city in the United States of over 100,000 population.

"Of the total area of our lands, but little more than two-fifths is in farms, and less than one-half of the farm area is improved and made a source of crop production. The area of cultivated land may possibly be doubled. In addition to the land awaiting the plow 75,000,000 acres of swamp land can be reclaimed, 40,000,000 acres of desert land irrigated and millions of acres of brush and wooded land cleared. We must greatly increase our yield per acre. The average yield of wheat in the United States is less than fourteen bushels per acre; in England it is thirty-two bushels and in Germany twenty-eight. We get thirty bushels of oats per acre; England nearly forty-five and Germany more than forty-seven. Proper management will double the yield and produce more than three times our present population can consume."

As an outgrowth of the joint conservation conference in December, 1908, President Roosevelt invited President Diaz of Mexico and the Governor-General and Premier of Canada to a North American conservation conference. These governments sent representatives to a meeting held at the White House Feb. 18, 1909. The principles of the original commission were endorsed and an invitation was extended to forty-five other nations to send delegates to a world's conference to be held at The Hague on a date which was to be later decided upon.

As a result of the agitation against destruction of the natural resources of America, other national societies have been organized and are actively at work on the task of educating the people and securing the passage of laws for protecting mineral deposits, forests, water power, fauna and flora.

The National Conservation Association, with headquarters in Washington, D. C., is the organized head of the conservation movement in the United States. The association came into existence because of an urgent need for an organization open to every man and woman who stood for conservation which would give them immediate opportunity for united and active work. Its objects are thus stated:

"The National Conservation Association is fighting for the prompt and orderly development of our natural resources, for the welfare of ourselves and our children, and for the rights of the plain people. The association is bound neither by political considerations nor official connections. It is free to speak the whole truth.

"That conservation means the use of our natural resources for the benefit of us all and not merely for the profit of a few is already household knowledge. The task which the National Conservation Association has set itself is to get this principle put into practical effect."

The association is maintained by dues from membership, which is divided into the following classes: Members, $1.00 a year; Active Members, $3.00 a year; Contributing Members, $20.00 a year; Patrons, $100 a year; Life Members, one thousand dollars.

The National Conservation Congress first met at Seattle, Wash., in August, 1909, under the auspices of the Washington Conservation Association.

The objects of the Congress are: To provide for discussion of the resources of the United States as the foundation for the prosperity of the people. To furnish definite information concerning the resources and their development, use and preservation. To afford an agency through which the people of the country may frame policies and principles affecting the conservation and utilization of their resources to be put into effect by their respective representatives in state and federal governments.

There is no official connection between the National Conservation Congress and the National Conservation Association, although the two are working closely together along the same lines. The congress confines its work to an annual gathering of citizens appointed by state and municipal officials and delegates. The association maintains a permanent working organization throughout the year.

Conservation:
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Taft, 7370, 7436, 7459, 7555, 7816.
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Roosevelt policies regarding, discussed, 7456, 7459.

Conservation Commission:
Appropriation for, urged, 7268.
Commission report submitted, 7258.

Conservation of Food, recommended, 8379.

Conservatives.—A faction of the Democratic party who from 1837 to 1840 voted with the Whigs against the sub-treasury bill. On other questions the Conservatives acted with their party. The term is generally applied to those members of a political party who oppose radical measures of any kind.

Conspiracies, Unlawful. (See Illegal Combinations.)

Constantinople, Turkey:
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Constellation, The.—The flagship of Commodore Thomas Truxtun of the squadron sent to protect American shipping in the West Indies during troubles with France in 1799. The *Constellation* was built at Baltimore, and commissioned in 1798. Feb. 9, 1799, she defeated and captured the French frigate *L'Insurgente,* of 40 guns. Feb. 1, 1800, she defeated *La Vengeance,* of 54 guns, which, after a fierce engagement, escaped, owing to a storm. Congress presented Truxtun with a gold medal and a vote of thanks for his bravery during this engagement.

Constituency.—The voters in a given political division.

Constitution.—Fundamental law in a limited or free government. As applied to the United States of America, or to any state of the American Union, the constitution is a written statement of the powers of government. The people who hold the elective franchise are by prescribed forms called upon to establish their constitution which they may subsequently amend in accordance with its provisions. When established the constitution is paramount to the government organized under it. If any department of the government exceeds its authorized powers, the act is irregular and void. Thus, if an act of Congress or of a state legislature does not conform in its terms to the constitution, which declares itself to be the supreme law of the land or of the state, as the case may be, the Federal or State Supreme Court, as the case may be, may decide the act in question to be unconstitutional and therefore of no effect. In Great Britain the constitution consists of customs, traditions, royal charters, statutes of Parliament, the common law, the Magna Charta, the Declaration of Rights, the Act of Settlement, the Reform Bill, etc. The British constitution has never had the direct sanction of the people; the Constitution of the United States and of each state of the Union has received such sanction. The Constitution of the United States was framed in a convention of the states, except Rhode Island, at Philadelphia, in 1787, and went into effect March 4, 1789, having been ratified by eleven of the thirteen states. North Carolina and Rhode Island ratified it Nov. 21, 1789, and May 29, 1790, respectively. (See also Amendments.)

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Question of Congress proposing, until after admission of loyal Senators and Representatives of unrepresented states referred to, 3589.
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Withdrawal of, by Ohio and New Jersey, 3836.
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Abolishing slavery—
Defeated, 3453.
Recommended, 3556.
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Approval of separate items of bill and veto of others recommended, 4196, 4725, 4774, 4840.
Corporations, control over, urged, 6649.
Distribution of surplus revenue among states suggested, 1015.
Divorce and marriage laws, urged, 7048.
Expenditures for education, suggested, 397, 444, 587.
Gradual emancipation of slaves recommended, 3337.
Income tax, urged, 7044, 7390, 7392.
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Legislation in extra session of Congress suggested, 4196.
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Mode of election of President and Vice-President suggested, 1010, 1081, 1120, 1168, 1253, 1336, 1395, 1478, 3837, 3889, 4196.
Mode of election of United States Senators, 3849, 3889.
Postponement of meeting of Congress suggested, 240.
Prohibition of alcoholic drinks, text of, 8688.
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Right to make and alter, basis of our political system, 200.
Secret journal of Congress of Confederation published, 678.
Signers of, 26.
Text of, 15.
Virtues of, proved, 59.

Constitution, Confederate. (See Confederate Constitution.)

Constitution, The.—A famous American frigate, known also as *"Old Ironsides."* She was built at Boston in 1797, and carried 44 guns. July 17, 1812, she encountered a fleet of five British frigates, but through the masterly seamanship of Capt. Hull eluded capture. Aug. 19 she was attacked by the British frigate *Guerrière,* carrying 38 guns. Within half an hour the latter was a wreck and 85 of her men killed and wounded (502). Dec. 29, 1812, the British man-of-war, *Java,* carrying 38 guns, surrendered to the *Constitution* (507). The British loss was only 34. Feb. 20, 1815, the *Constitution* captured the *Cyane,* 20 guns, and the *Levant,* 18 guns. British loss, 77 and American loss, 15. (See illustration opposite 537.)

Constitution, The:
British frigate *Guerrière* captured and destroyed by, 502.
British frigate *Java* captured and destroyed by, 507.
Capt. Bainbridge in command of, 507.
Capt. Hull in command of, 502.

Constitution, The (slave ship), proceedings of court regarding, 895.

Constitutional.—In accord with the constitution, as in the case of a law which the courts hold to be constitutional.

Constitutional Rights discussed. (See powers of Federal and State Governments.)

Constitutional Treasury System:
Recommended by President Polk, 2256.
Successful operation of, discussed, 2406, 2498.

Constitutional Union Party.—The issues of 1860 and the years immediately preceding disrupted the Whig party. May 9 of that year representatives of the party held a convention at Baltimore and nominated John Bell, of Tennessee, for President, and Edward Everett, of Massachusetts, for Vice-President. Delegates were present from about twenty states. They took the name of the Constitutional Union party. They denounced the platforms of the other parties as tending "to widen political divisions," and declared their principles to be "the Constitution of the country, the Union of the States, and the enforcement of the laws." In the election of 1860 the party carried three states—Kentucky, Tennessee, and Virginia, polling 589,581 votes and gaining 39 electoral votes.

Constitutionalist.—Any one who consistently abides by the Constitution, or who desires to see governmental activities determined only by the Constitution is now called a Constitutionalist.

Constitutionalists.—A political party in Pennsylvania which under the Constitution of 1776-1790 favored the maintenance of that instrument as opposed to those who demanded a stronger government than could be had under it. They were the local forerunners of the Democrats and Anti-Federalists of later times. Between 1804 and 1808 a party arose which desired to amend the Constitution. They were called Conventionalists and the party opposed to them Constitutionalists.

Constitutions, State.—At the time of the Declaration of Independence only a few of the Colonies had local governments of their own. These were only temporary organizations. Constitutions were first adopted by the thirteen original states as follows: Maryland, New Hampshire, New Jersey, North Carolina, Pennsylvania and Virginia in 1776; Georgia and New York in 1777; South Carolina in 1778; Massachusetts in 1780; Delaware in 1792; Connecticut in 1818; Rhode Island in 1842.

Construction and Repair, Bureau of, Navy Department. (See Bureau of Construction and Repair.)

Consul.—A representative of a government delegated to reside in a city of a foreign government for the purpose of maintaining friendly and commercial relations, and of gathering and distributing information on industrial enterprises.

Consul-General, title of, should be abandoned, 4923.

Consular Appointments, State Department.—(See Civil Service.) The first consul sent from the United States to a foreign government was William Palfrey, of Massachusetts, who was despatched as consul to France in 1780. The present system of consular appointments is the result of thorough re-organization by President Roosevelt, in 1906. His re-organization provided for five inspectors of consulates; demanded notarial services from consuls in office; forbade any consul to engage in business or law, or to receive any compensation other than his consular salary; and applied the Civil Service principle to the service as a whole. At present a board of examiners passes upon all candidates, who must be American citizens between the ages of 21 and 50, and who must show moral, mental and physical fitness for consular work. All candidates must receive a grade of at least 80% in an extensive examination covering English and at least one foreign language, the present trade and commercial situation of the United States and the possibilities of its expansion, both international and common law, modern history, and other subjects. Successful candidates are appointed to the eighth and ninth grades in the consular service, from which, with few exceptions, promotions are made. (See Consuls; State Department; Consular Service; Trade Information and Publicity.)

Consular Bureau, Department of State.—The chief of the consular bureau has supervision over the administration of the consular service (q. v.), attends to arrangements for commercial and other consular agreements, and is in charge of other details in the activities of the consular service. (See Consuls; State Department.)

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Consular Conventions.—The first practical step toward close diplomatic relations between nations is the establishment of the consular office within its dominions. This is brought about by treaties and agreements which are called consular conventions. The terms and conditions upon which consuls are established in foreign countries by the United States have been, generally speaking, the same. Consequently treaties of this nature bear such close resemblance to one another that they are here grouped for purposes of comparison, and only specific differences are noted. Such treaties provide that consuls-general, consuls, and vice-consuls shall be reciprocally received and recognized on presentation of their commissions in the way and manner customary in the several nations, and according to the court etiquette of the particular nation. An exequatur (*q. v.*) shall be issued to the representative by the government of the country to which he is sent. These representatives are to be treated with respect, dignity, and honor, due to the country whence they come. They are exempt from military service, public duty, and all personal and direct taxation, whether Federal, state, or municipal. If, however, the consular representative of a foreign nation is a resident of the country in which he acts, he is amenable to all of the laws, and pays taxes and performs public duties which his citizenship demands of him. Consuls have the right to hoist the flag of their nation over their official residence, or upon an official vessel. They are relieved of public witness duty, and when their evidence is necessary in connection with the administration of justice, their depositions may be taken in writing or at their dwellings.

Consular offices and dwellings are inviolable; local authorities may not invade them for any purpose; papers and documents deposited there may not be seized or examined; and the houses cannot be used as an asylum for the refuge or protection of criminals or fugitives from justice. Consuls-general and consuls have the power to appoint as consular agents any citizen of their own country, of the nation to which they are representatives, or of any other country, who shall be acceptable to the respective governments, and that consular agent shall have full authority to act when so certificated.

All consular officials of whatever rank have power and authority to take evidence, or depositions of captains, seamen, crews, passengers, or citizens of their own country, at the official residence, and may there execute any papers or documents. Consular representatives have the right of acquiring property and of disposing of it in any way; may conduct business, trade, or profession, exactly as do in these respects the citizens of the country in which they reside; and they may not be discriminated against in any way by reason of their being aliens. The discipline and internal order of the vessels of their country are entirely under the control of the consuls of the ports at which such vessels may be; and these officers may use the local judicial machinery freely for the arrest, detention, and punishment of deserters or mutineers, or for the preservation of the public peace. Expenses of such police judicial action must be borne by the consuls. A definite time for the detention of deserters or criminals so arrested without trial is set by treaties and varies from two to three months. (See also Treaties.)

Argentine Republic.—The consular convention with this country is contained in the treaty of friendship, commerce, and navigation, of 1853. (See Argentine Republic, Treaties with.)

Austria-Hungary.—The consular convention was concluded in 1870 and ratified June 29, 1871.

Belgium.—The consular conventions of 1868, which expired in 1880, and that of 1880, still in force, govern the conduct and appointment of consuls.

Bolivia.—Agreement regarding consuls is contained in the treaty of peace, friendship, commerce, and navigation, of 1858. (See Bolivia, Treaties with.)

Brazil.—The consular convention with this nation is contained in the treaty of amity, commerce, and navigation, of 1828.

China.—Consular regulations with China are contained in the several commercial treaties with that nation. (See China, Treaties with.)

Colombia.—Consular regulations are contained in the treaty of peace, amity, navigation, and commerce, of 1846, with New

Granada, and in the consular convention with Colombia of 1850. (See Colombia, Treaties with.)

Costa Rica.—Consular regulations were covered by the treaties of friendship, commerce, and navigation, of 1851. (See Costa Rica, Treaties with.)

Denmark.—The convention of friendship, commerce, and navigation, of 1826, and the consular convention of 1861, regulate the conduct and appointment of consuls.

France.—The consular convention with France was concluded Feb. 23, 1853.

German Empire.—The consular convention was concluded Dec. 11, 1871.

Greece.—The consular convention was concluded Nov. 19, 1902.

Haiti.—Consular regulations are contained in the treaty of amity, commerce, navigation, and extradition, of 1864. (See Haiti, Treaty with.)

Honduras.—Diplomatic and consular regulations are provided in the treaty of friendship, commerce, and navigation, of 1864.

Italy.—The consular convention was concluded May 8, 1878, and a supplement was added on Feb. 24, 1881, covering the settlement of shipping disputes.

Japan.—The treaty of commerce and navigation of 1894 regulates consular and diplomatic relations.

Liberia.—The treaty of commerce and navigation of 1862 provides for the consular office.

Mecklenburg-Schwerin.—Consular office and functions are provided for in the treaty of commerce and navigation of 1847.

Morocco.—Consular provisions are contained in the treaty of peace and friendship of 1836, and in the convention as to protection of 1880.

Muscat.—Consular provisions are contained in the treaty of amity and commerce, of 1833.

Netherlands.—The consular convention was concluded May 23, 1878.

Ottoman Empire.—The treaty of commerce and navigation of 1830 provides for consular intercourse.

Paraguay.—Diplomatic and consular privileges are secured by the treaty of friendship, commerce, and navigation, of 1859.

Persia.—Diplomatic privileges are secured by the treaty of friendship and commerce of 1856.

Roumania.—The consular convention of 1881 secures diplomatic and consular privileges.

Russia.—The treaty of commerce and navigation of 1832 secures diplomatic and consular privileges.

Servia.—The consular convention of 1881 secures consular privileges.

Siam.—The treaty of amity and commerce of 1856 provides for the appointment of a consul to reside at Bangkok.

Spain.—The treaty of peace of 1898, known as the treaty of Paris, provides for the consular office.

Sweden and Norway.—The treaty of commerce and navigation of 1827 provides for the consular office and privileges.

Switzerland.—The convention of friendship, commerce, and navigation, of 1850, provides for consular office and privileges.

Tonga.—The consular office and jurisdiction is regulated by the treaty of amity, commerce, and navigation, of 1886.

Tripoli.—The treaty of peace and amity of 1805 provides for consular residence at Tripoli.

Tunis.—The consular office is secured by the treaty of amity, commerce and navigation of 1797.

Zanzibar.—The treaty as to duties on liquors, and consular powers, of 1886, governs the consular office.

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- Publication of, discussed, 6338.
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- Value and importance of, discussed, 5091.

Consular Service.—Consular officers include consuls-general, consuls and commercial agents. Their chief duties and powers are connected with our commercial interests, to protect ships, seamen and other Americans, to send home destitute seamen, and to give certificates for various purposes. They are sent to the principal ports or markets of a country. Some diplomatic powers also attach to their office, and in non-Christian countries they have sometimes the right, by treaty, to act in a judicial capacity between citizens of the United States. A consul-general has jurisdiction over several consuls. Commercial agents are accredited to smaller places. The consular officers are appointed by the President and confirmed by the Senate after

passing an examination as to fitness and ability in accordance with an executive order of President Roosevelt. Officers of the service are under the control and direction of the State Department.

Consular officers are expected to endeavor to maintain and promote all the rightful interests of American citizens, and to protect them in all privileges provided for by treaty or conceded by usage; to visa and, when so authorized, to issue passports; when permitted by treaty, law or usage, to take charge of and settle the personal estates of Americans who may die abroad without legal or other representatives. (See Consular Appointments.)

Consuls.—In international law an agent appointed and commissioned by a sovereign state to reside in a foreign city or town to defend the personal rights and to protect the business interests of such citizens of his country as may reside therein, and to collect and forward to the home government information on industrial and economic matters. He is not a diplomatic agent. He must be formally recognized by the power within whose jurisdiction he serves before he can legally discharge the functions of his office.

From the early days of the Government the United States has maintained a consular service. The title of consul-general was first introduced in 1855. In 1866 the consular service was reorganized upon a basis requiring the examination, by a board which has remained substantially unchanged to the present day. In 1895 President Cleveland issued an order requiring the examination, by a board composed of three members to be named by the Secretary of State, of applicants for appointment to places the salaries of which are more than $1,000 and less than $2,500 per year. By an order of Nov. 10, 1905, President Roosevelt extended the operations of this order so that it now applies to applicants for all consular places, irrespective of the salaries attached to them.

Duties.—Consular officers are expected to endeavor to maintain and promote all the rightful interests of American citizens, and to protect them in all privileges provided for by treaty or conceded by usage; to visé and when so authorized, to issue passports; when permitted by treaty, law or usage, to take charge of and settle the personal estates of Americans who may die abroad without legal or other representatives, and remit the proceeds to the treasury in case they are not called for by a legal representative within one year; to ship, discharge, and, under certain conditions, maintain and send American seamen to the United States; to settle disputes between masters and seamen of American vessels; to investigate charges of mutiny or insubordination on the high seas and send mutineers to the United States for trial; to render assistance in the case of wrecked or stranded American vessels, and, in the absence of the master or other qualified person, take charge of the wrecks and cargoes if permitted to do so by the laws of the country; to receive the papers of American vessels arriving at foreign ports and deliver them after the discharge of the obligations of the vessels toward the members of their crews, and upon the production of clearances from the proper foreign port officials; to certify to the correctness of the valuation of merchandise exported to the United States where the shipment amounts to more than $100; to act as official witnesses to marriages of American citizens abroad; to aid in the enforcement of the immigration laws, and to certify to the correctness of the certificates issued by Chinese and other officials to Chinese persons coming to the United States; to protect the health of our seaports by reporting weekly the sanitary and health conditions of the ports at which they reside, and by issuing to vessels clearing for the United States bills of health describing the condition of the ports, the vessels, crews, passengers, and cargoes; and to take depositions and perform other acts which notaries public in the United States are authorized or required to perform.

Promotion of Commerce.—A duty of prime importance is the promotion of American commerce by reporting available opportunities for the introduction of our products, aiding in the establishment of relations between American and foreign commercial houses, and lending assistance wherever practicable to the marketing of American merchandise abroad.

In addition to the foregoing duties, consular officers in China, Turkey, Siam, Maskat, Morocco, and a few other so-called un-Christian countries, are invested with judicial powers over American citizens in those countries. These powers are usually defined by treaty, but generally include the trial of civil cases to which Americans are parties, and in some instances extend to the trial of criminal cases.

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Contested Presidential Elections. (See Presidential Elections and Electoral Commission.)

Continental Congress.—On receipt of the news of the passage of the Boston Port Act the Virginia assemby in 1774 advised a congress of all the Colonies. Upon this recommendation the First Continental Congress assembled in Philadelphia Sept. 5, 1774, all the Colonies being represented except Georgia. Resolutions were passed commending the people of Massachusetts for their temperate resistance to the execution of the objectionable measures of Parliament and declaring that all America ought to support such opposition. This Congress also recommended an agreement not to import British goods after Dec. 1, 1774, and not to export goods to England after Sept. 10, 1775, unless such grievances as were set forth in a declaration of rights and wrongs were redressed by the parent Government. The First Continental Congress sat until Oct. 26, 1774.

The Second Continental Congress convened at Philadelphia, May 10, 1775. This Congress was composed of delegates from each state, generally elected by the legislature. Each state was allowed one vote. It declared the independence of the United States and carried on the war with Great Britain. This body remained in session until Dec. 12, 1776, and then adjourned to meet at Baltimore, where it reassembled Dec. 20; remaining in session until Feb. 27, 1777, on which date adjournment was had until March 12, when it reassembled at Philadelphia, remaining in session there until the 18th of the following September, when it adjourned to meet at Lancaster, Pa., Sept. 27, remaining there but one day Oct. 1 it resumed its session at York, Pa. June 27, 1778, it adjourned to meet at Philadelphia, where it reassembled July 7, remaining there until June 21, 1783. Its next meeting was at Princeton N. J., June 30, remaining in session at that place until Nov. 4, when it adjourned to meet at Annapolis, Md., Nov. 26, where its sessions were held until June 8, 1784. Adjourning, it next met at Trenton, N. J., Nov. 1. Dec. 24 it adjourned to meet at New York, where it remained in session until its final adjournment, Oct. 21, 1788.

The sessions in New York were as follows: Jan. 11 to Nov. 4, 1785; Nov. 7, 1785, to Nov. 3, 1786 (new officers being chosen at the commencement of this session); Nov. 6, 1786, to Oct. 30, 1787 (new officers again elected at beginning of session); Nov. 5, 1787, to final adjournment. It is a fact worthy of record that as the old Congress died, so the new was born, in the City of New York.

Continental Money.—On the authority of the Second Continental Congress an issue of paper money was begun in 1775 and continued till 1779. This "money" was in the nature of bills of credit and its value necessarily fluctuated with the fortunes of the Government which promised redemption. About $242,000,000 were put forth. At first the bills circulated on a par with gold, but later greatly depreciated. In 2 years they had become depressed to half the value of gold. In 1779 they were reduced to one-twentieth of their face value and afterward to one-fortieth. Congress then ordered the notes brought up at their market value, replacing them by a new is-

sue at the rate of 20 to 1, to bear interest at 5 per cent. The old notes sank as low as 1,000 to 1 and finally disappeared.

Continentalist.—In the early history of the United States the continentalist faction comprised those who advocated a strong union of the states.

Contingent Expenses. (See Expenditures, Public.)

Contraband of War.—A term said to have been first employed in the treaty of Southampton between England and Spain in 1625. The treaty of the Pyrenees between France and Spain, signed Nov. 7, 1659, modified the previously entertained notions of articles contraband of war, and a still more liberal construction was put upon the word by the Declaration of Paris, April 26, 1856. All arms, ammunition, and supplies which may be of use in carrying on war or aiding in defense are by the laws of war contraband, and are liable to seizure by either belligerent should a neutral attempt to convey them to the other belligerent. In most of our treaties with foreign countries all articles contraband of war are specified. Gen. B. F. Butler in 1861 pronounced slaves of persons in rebellion against the United States Government contraband.

Goods in transit to the open ports of a warring nation may be free,—goods which cannot possibly further the prosecution of the war; or contraband,—goods which are desired for war purposes; or occasional contraband,—goods whose availability for war depends upon the purposes for which they will be used.

A neutral person may deal in or transport contraband without thereby involving his country; nor is any neutral country obligated to interfere with the prosecution of contraband trade by any of its citizens. In addition to the right of seizing contraband and condemning it by a Prize Court, a belligerent may condemn all other products of the owner of the contraband found on the ship which has been transporting the contraband, and the vessel itself, if owned by the owner of the contraband which has been seized.

A belligerent is allowed to seize a vessel merely on strong suspicion that it is carrying contraband; but if the suspicion proves to be unfounded, such nation must pay damages for its action. Contraband may also be seized in a neutral country if it can be proved that its final destination is the territory of a belligerent nation. In order to clarify the situation concerning contraband, which is extremely complicated, most nations in time of war publish a detailed statement of the goods which they intend to treat as contraband.

In the World War, England, which obtained control of the seas at its very outbreak, declared all food contraband which might be exported to Germany because of the impossibility of distinguishing between food to be used for the civil population and that to be used by the military. She claimed and exercised also the right to search all mails to Germany from neutral countries, on the ground that contraband was being exported therein. Against these actions, the United States uttered several most vigorous protests.

On April 19, 1916, England announced that for practical purposes all distinction between conditional contraband and contraband had vanished. She also regulated commerce to neutral countries contiguous to Germany, on the ground that these goods were being re-shipped to Germany, or were making possible the shipment of other goods to Germany. On January 27, 1916, England blacklisted 82 American firms and forbade her subjects to trade with them, on the ground that they were engaged in supplying contraband to Germany. Against these actions, also, the United States protested.

Contraband of War:

Foodstuffs should not be regarded as, 8057.

On British vessels for insurgents, 3352.

Trade in, and protection for neutral vessels, order regarding, 3377.

Trade in, forbidden, 131, 135, 136, 138, 148, 3377.

Contracts, Government, recommendations regarding, 3171.

Contreras (Mexico), Battle of.—Aug. 7, 1847, Gen. Twiggs's division began its march upon the City of Mexico. By the 18th the entire army was at San Augustine, 9 miles from the city. On the 19th a preliminary assault was made upon Contreras Hill, a fortified position about 4 miles from the city, held by Gen. Valencia with 6,000 men. Early the next morning Contreras Hill was taken by sudden assault, Valencia's army being completely routed, with a loss of 2,500 men. Among the prisoners were 4 generals. By this brilliant dash the Americans had gained one of the several strong positions by which the roads to the City of Mexico were guarded. The American loss was 50 men killed and wounded. The Mexicans lost heavily in cannon, muskets and ammunition. (See illustration opposite 2268.)

Contreras (Mexico), Battle of, referred to, 2386.

Controller Bay (Alaska):

Opening to settlement of lands in, discussed, 7599.

Convention.—1. In its political sense, a body of delegates, selected by the members of a political party, meeting together and nominating candidates and adopting platforms for the party. 2. The same as *treaty* when applied to international relations.

Convention, Nominating.—An assembly of delegates or representatives for consultation on important political concerns and the nomination of candidates for office. Early American candidates for office either made a public announcement of their candidacy or were placed in nomination by a caucus more or less select. Out of this custom grew the Congresssional caucus of party leaders and, at a later period, the legislative caucus. This was defective in that parties having no legislative delegates had no caucus delegates. This was remedied by sending caucus delegates from those districts not represented by legislative delegates. This immediate step was succeeded by the nominating caucus or convention as at present conducted, both in the several states and in the nation, consisting of delegates from all parts of a state or of the nation chosen for the express purpose of making nominations. The first state convention of which we have any record was held at Harrisburg, Pa., in 1788. The first national nominating convention was that held at Baltimore in

September, 1831, by the Anti-Masons. In December of the same year the National Republicans, who were the progenitors of the Whigs, held a national convention at Baltimore. In May, 1832, a Democratic national convention nominated Jackson for president and Van Buren for vice-president. About 1840 both parties adopted this practice, since which time it has become universal.

Convention, Revolutionary.—Previous to and at the beginning of the Revolution the royal governors of the Colonies dissolved the legislative assemblies because of their opposition to the oppressive measures of the Crown and Parliament. These assemblies immediately met in what were called revolutionary conventions. In a short time these bodies acquired all authority over the people, to the exclusion of the parent Government.

Conventions. (See International Conventions; Treaties.)
National, composition and work of, suggested, 7910.

Convict Labor, under contract, should be abolished, 6650.

Convicts, Foreign, involuntary deportation of paupers, idiots, insane persons, and, to United States, 4852.

Conway Cabal.—A plot hatched by Gen. Thomas Conway, who was a "foreign officer of great pretensions," Generals Gates and Mifflin, and Samuel Adams, "with two or three others of the New England delegation in Congress, and one of the Virginia deputies," to remove Washington from chief command of the Continental forces.

Thomas, Count de Conway, was born in Ireland, but taken to France while young. In 1777, through the influence of Silas Deane, he came to the United States, was commissioned brigadier-general May 13, 1777, and fought at Brandywine and Germantown, 1777. Washington's defeats caused widespread discontent in 1777, especially when the British occupied Philadelphia. Burgoyne's surrender gave Gates the prestige of a great success. Such men as John Adams, Samuel Adams, Richard Henry Lee, Thomas Mifflin, etc., began to doubt Washington's fitness for the chief command. Conway did not originate the cabal for Washington's removal, but was so active in it that it bears his name. Gates willingly lent his influence, in the hope of obtaining the command himself. There was correspondence derogatory to Washington between Gates, Mifflin, and Conway during the summer and autumn of 1777. In the new board of war, organized November, 1777, the faction was represented by Gates as president, and Mifflin and others as members. Conway, against Washington's remonstrance, was promoted major-general, and made inspector-general of the army. A vain attempt was made to win Lafayette by offering him an army to invade Canada; but these intrigues, when known to the army, were heartily reprobated, nor did the state legislatures approve them. In spite of disasters to the army, Washington retained the confidence and affection of soldiers and people; and most of the conspirators shrunk from avowing their share in the plot. Conway, ordered to the northern department, complained to Congress, and offered his resignation. It was accepted, and he tried in vain to obtain a reinstatement. He was wounded soon after in a duel with Gen. Cadwallader, and, believing his end near, wrote an apology to Washington for his course. He recovered however, and returned to France.

Coolie Trade referred to, 2907, 3127, 3261, 3837, 3991, 4034, 4190.

Co-operative Movement.—In industry, that form of production and exchange which seeks to decrease the cost of articles by eliminating many, if not most of the profits now incident upon their purchase. There is consumers' co-operation, in which goods, obtained in large quantities from the wholesalers, are sold to members of co-operative societies, thus obtaining for such members the retailers' profit; wholesalers' co-operation, in which the goods are bought directly from the producers and sold to members, thus obtaining both the wholesalers' and the middlemen's profits; and even producers' co-operation, in which the members of co-operative societies produce for themselves, and thus re-distribute to themselves practically all profit.

In the United States, the history of the co-operative movement is largely the record of failures and mismanagements, (although there is a more extensive movement than is generally realized, especially among the more homogeneous immigrant groups); but in Europe co-operative processes play a vital rôle in the lives of the people of many of the countries. Indeed, the co-operative movement in Europe seems to be the movement of social significance which received the greatest impetus from war conditions; and there are reliable reports that the people of Germany were assisted materially in meeting their food problems during the war by the wide-spread adoption of co-operation, and that life in Russia after the Revolution was made endurable for millions only by the work of the Russian co-operatives.

The co-operative movement may be dated from the social reform experiments of Robert Owen in the early years of the nineteenth century, followed closely by the schemes of Fourier in France. In 1828-1834, there were some 500 co-operative schemes reported in England alone, but the co-operatives had not yet learned the secret of successful management, and the movement soon collapsed. In 1844, however, a few humble weavers of Rochdale conceived the idea of distributing the profits of a co-operative shop in proportion to the amount of the purchases by the individual members of the organization, and from that scheme sprang the present flourishing Rochdale society with its 85,000 members and annual business of $21,000,000.

In 1906, there were in England some 1,400 co-operative societies with 2,500,000 members (most of them representing a household of five persons), a capital of $150,000,000, and yearly sales of $300,000,000. In 1912, the number of societies had grown to 1,560, with 2,650,000 members, an annual trade of $550,000,000, and with profits for distribution to their members, despite the low or market prices at which the co-operative undertakings sell, of more than $60,000,000. In 1915, there were in Great Britain some 3,000,000 members of co-operative enterprises, representing about one in every four families. The goods distributed were valued at $200,000,000, with $85,000,000 returned to their members and with owned property valued at $300,000,000. The extensive wholesale societies own plants over the entire world, including tea plantations in Ceylon, olive groves in Africa, currant groves in Greece, etc. A system of co-operative bakeries is the largest flour miller in Great Britain,

and the largest purchaser of Canadian wheat. The British wholesale co-operative societies do an annual banking business alone of $800,000,000. Before the outbreak of the World War, a chain of British co-operative groceries is reported as doing four times the business of the United States Steel Corporation.

The societies are non-political, but their membership is deeply interested in progressive measures of all kinds. The profits accrue usually to the members, not to the employees; and there is a one-man-one-vote system of election among the membership. The British co-operative societies exist chiefly in the north and middle of England and in Scotland, and, although they are chiefly representative of consumers' co-operation, the movement in the field of producers' co-operation is steadily growing. In Germany, the credit co-operative societies are especially successful, and Belgium before the war was a veritable hotbed of co-operation. In 1919, most of the economic life of Russia seems to have been performed by the Russian co-operatives.

In the United States, the earliest recorded attempt at co-operation dates from 1794, but the movement does not definitely begin until 1830. The early attempts are usually attempts to circumvent the distress incident upon strikes. Later idealistic groups and labor organizations all made experiments, but they had not learned from the English experience, and little came from their efforts. At the present time, the best example of successful co-operation in the United States is that developed among the strongly-organized miners of Illinois. There is also extensive successful co-operation among the Finns (141 establishments doing an annual business of over $4,000,000). In 1916, the co-operative enterprises in America (almost entirely consumers' co-operative societies) numbered about 750, with a membership of about 125,000 members and an annual business of almost $50,000,000.

There are some 2,225 co-operative buying clubs. There is also extensive co-operation in buying and selling among the farmers throughout the country.

Methods among the different societies differ, but the most successful method is that inaugurated by the Rochdale pioneers, of selling at market prices, dividing the profits among the members in proportion to purchases, and giving each member one vote, irrespective of the amount of stock held.

Recent figures show the annual sales of the wholesale co-operative societies in various countries as follows: British, $300,000,000; Scotch, $100,000,000; Hamburg (Germany), $30,000,000; Danish, $25,000,000; Austrian, $16,000,000; French, $11,000,000; Finnish, $20,000,000; Swedish, $7,000,000; Dutch, $5,000,000; Swiss, $20,000,000; Irish, $4,000,000; Norwegian, $3,000,000. The turnover of the Russian co-operative societies, both wholesale and retail, for 1916 was estimated at $750,000,000.

Copper.—The following figures reveal the production of copper in the United States and in the world for recent years. (See also Zinc.)

WORLD'S COPPER PRODUCTION 1907-18.

Year.	Short Tons.	Year.	Short Tons.
1906.....	788,492	1913.....1,104,517	
1907.....	798,205	1914.....1,018,395	
1908.....	835,623	1915.....1,193,114	
1909.....	945,408	1916.....1,564,254	
1910.....	966,998	1917.....1,497,000	
1911.....	969,750	1918.....1,395,000	
1912.....1,114,769			

PRODUCTION AND AVERAGE PRICE OF COPPER IN THE UNITED STATES 1909 TO 1918.

Year.	Pounds	Cents per Pound.
1909.....	1,438,751,000	12.98
1910.....	1,475,602,120	12.73
1911.....	1,431,938,000	12.37
1912.....	1,581,920,287	16.34
1913.....	1,652,290,000	15.26
1914.....	1,565,708,000	13.60
1915.....	1,447,280,000	17.27
1916.....	1,942,000,000	27.20
1917.....	1,875,244,000	25.22
1918.....	1,985,000,000	24.75

Copper, act regulating duties on, vetoed, 3903.

Copper Coins, weight of, reduced to one pennyweight, sixteen grains, 183.

Copper Industry. (See Brass, Bronze and Copper Industry.)

Copper Mines referred to, 764, 803.

Copperhead.—The term had its origin probably in the habit of the copperhead snake of delivering its dangerous sting without warning, and was applied during the Civil War to those inhabitants of the North who opposed the administration in its war policy. The term first was used in 1862, and in many parts of the country became synonomous with "Democrat." The Copperheads seem less to have sympathized with the cause of the South than to have believed that it would be impossible for the North to subjugate its enemy. The most notorious Copperhead was Vallandigham, an Ohio political leader, whose opposition to the war finally became so influential that he was banished from those regions where his propaganda would embarass the Northern armies.

After the Spanish-American War, the term was applied also to those who opposed the annexation of the Philippines; and when war was declared against Germany in 1917, a comparison was often drawn between the Copperheads and the Pacifists (q. v.).

Copyright.—As defined by Drone, copyright is the exclusive right to multiply and dispose of copies of an intellectual production. Before the organization of the Federal Government the states issued copyrights. The Constitution authorized Congress to grant copyrights to authors and patents to inventors. Accordingly Congress pasesd a law in 1790 giving authors the exclusive right to their works for fourteen years, with the privilege of renewal for fourteen years, by themselves, or their heirs, executors or assigns. In 1831 the period was extended to twenty-eight years, with the right of renewal of fourteen years, the right being extended to the widow or children of a deceased author. In 1856 the protection of copyright was extended to dramatic works and in 1865 to works of art and photographs. Clerks of the district courts of the United States at first issued copyrights, but the act of 1870 provided that the right to issue should be vested in the Librarian of Congress, and in 1897 an office of Register of Copyrights, acting under the direction of the Librarian of Congress, was created.

Foreign Copyright.—In 1891 the international copyright law passed, extending the privilege of American copyright to authors in such foreign countries as granted the same privilege to American authors. This reciprocal privilege, which is de-

termined and effected by proclamation of the president, according to the terms of the law, has been availed of by several European and American nations, as follows:

Austria, Belgium, Chile, Costa Rica, Cuba, Denmark, France, Germany, Great Britain and her possessions, Italy, Luxemburg, Mexico, Netherlands and possessions, Norway, Portugal, Spain, Sweden, Switzerland, Tunis.

Copyright treaties have also been entered into with China, Japan and Hungary (the latter in effect on October 16, 1912). The Copyright Convention of Mexico of 1902 has been ratified by the United States and is effective from July 1, 1908, as between the United States and Costa Rica, Guatemala, Honduras, Nicaragua and Salvador.

The copyright law approved March 4, 1909, which took effect on July 1, 1909, provides that the application for registration of any work "shall specify to which of the following classes the work in which copyright is claimed belongs:" (a) Books, including composite and cyclopaedic works, directories, gazetteers, and other compilations: (b) periodicals including, newspapers; (c) lectures, sermons, addresses, prepared for oral delivery; (d) dramatic or dramatico-musical compositions; (e) musical compositions; (f) maps; (g) works of art; models or designs for works of art; (h) reproductions of a work of art; (i) drawings or plastic works of a scientific or technical character; (j) photographs; (k) prints and pictorial illustrations. An amendment of August 24, 1912, adds: (l) motion picture photo plays; (m) motion pictures other than plays. The application for registration of any article should distinctly specify to which one of these classes the work belongs. An article is not entitled to registration unless it is reasonably possible to class it under one or the other of the designations named in the statute.

The steps necessary to secure copyright registration are: For works reproduced in copies for sale: 1. Publish the work with the copyright notice. The notice may be in the form "Copyright, 19..(year date of publication) by.....(name of copyright proprietor)." 2. Promptly after publication, send to the Copyright Office, Library of Congress, Washington, D. C., two copies of the best edition of the work, with an application for registration and a money order payable to the Register of Copyrights for the statutory registration fee of $1.

For works not reproduced in copies for sale: Copyright may also be had of certain classes of works (see a, b, c, below) of which copies are not reproduced for sale, by filing in the Copyright Office an application for registration, with the statutory fee of $1, sending therewith: (a) In the case of lectures or other oral addresses or of dramatic or musical compositions, one complete manuscript or typewritten copy of the work. This privilege of registration, however, does not exempt the copyright proprietor from the deposit of printed copies of a dramatic or musical composition or lecture where the work is later reproduced in copies for sale. (b) In the case of photographs not intended for general circulation, one photographic print. (c) In the case of works of art (paintings, drawings, sculpture); or of drawings or plastic works of a scientific or technical character, one photograph or other identifying reproduction of the work. In all these cases, if the work is later reproduced in copies for sale, two copies must then be deposited.

Duration of Copyright.—The original term of copyright runs for twenty-eight years. Within one year prior to the expiration of the original term, the author, if living, or the widow or widower of the author, or the children of the author if he be not living; or if none of these be living then the author's executors, or in the absence of a will, the author's next of kin may secure a renewal for a further term of twenty-eight years, making fifty-six years in all. In case of composite works, if the proprietor secured the original copyright, he may also secure the renewal. Copyrights are assignable by any instrument in writing.

Copyright:
Conventions with South American republics, 7499.
Correspondence with—
Switzerland and France regarding international, referred to, 5115.
Switzerland and Italy regarding international, referred to, 4989.
Foreign holders of, to be privileged in United States discussed, 4828, 5478, 5561.
International law of—
Convention regarding with—
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Great Britain, 2725, 2763.
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Proclamation granting privilege to—
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Papua, 8480.
Portugal, 5830.
Spain, 6024.

Copyright Convention, International:
At Berne, discussed, 4919, 5090.
Negotiations for, referred to, 4625.

Copyright Laws. (See Copyright.)

Corea. (See Korea.)

Corinth (Miss.), Battle of.—On October 2, 1862, the Confederates under Generals Van Dorn and Price appeared in front of Corinth, and on the third fighting began. Grant directed Rosecrans to call in all his forces for the defense, and dispatched Brigadier-General McPherson to his support from Jackson, Miss. Ord and Hurlbut were sent from Bolivar by way of Pocahontas to attack the flank of Van Dorn. Rosecran's army advanced five miles beyond the town and fell back, fighting, upon Grant's fortifications. The battle was resumed on the morning of the fourth, and before noon the Confederate repulse was complete. The Confederates numbered 38,000. The Federal forces amounted to 19,000. The

Federal loss was 315 killed, 1,812 wounded, and 232 missing. The Confederate losses were 1,423 killed, 5,962 wounded, and 2,225 prisoners. On the fifth, while in retreat, the Confederates were attacked by the divisions of Ord and Hurlbut at the crossing of the Hatchie River, 10 miles from Corinth. A battery and several hundred men were captured.

Corinth, Miss., capture of, referred to, 3315.

Corisco Islands. (See Spain.)

Corn. (See Agricultural Products.)

Corn:
Commerce in, restrained by Great Britain, 138.
Introduction of products of, in Europe, discussed, 5764.

Corn Laws, repeal of, referred to, 2660.

Corporate Securities, protection for investors in, 7079.

Corporation. — A licensed body of persons organized and chartered by the state or Federal Government to carry on business or perform other functions; a domestic corporation is one organized within the state where it is operating, while a foreign corporation is one doing business in a given state, but being organized and having its headquarters in another state.

Corporation Income Tax (See Corporation Tax.)

Corporation Tax.—State taxes on corporations vary so considerably as almost to defy brief summation. Because of this diversity, many corporations find it profitable to become incorporated in states distant from their fields of operation.

As for federal taxation upon corporations, both Presidents Roosevelt and Taft urged federal taxes upon the earnings of corporations. In 1909, Congress passed a law requiring every corporation, joint stock company and association organized for profit, including insurance companies, to pay a tax of 1% upon its annual net income above $5,000. The law provided also for a form of publicity which afforded the Government a certain amount of supervision over corporations.

The 1909 law was superseded by the law of 1913, passed after the sixteenth, or income tax, amendment to the Constitution had been adopted. That measure provided for a tax of 1% upon the net income of every corporation, without the exemption of $5,000. Under the individual personal income section, dividends from corporations were exempt from the *normal* tax upon personal incomes. The returns under this law for the fiscal year 1913-14 showed that there were in the United States some 317,000 corporations, with about $64,000,000,000 in capital stock, with bond and other indebtedness of about $37,000,000,000 and with a net annual income of about $4,340,000,000. The corporation tax collected in that year was $32,456,000.

The act of 1916 raised the tax upon corporation incomes to 2%, and imposed a special tax of 12½% upon the annual profits realized from the production of war munitions.

The War Revenue Act of October 3, 1917 (for 1918), raised the normal tax on corporation profits to 6%. It imposed also a tax of 10% upon undistributed profits. In addition, there was levied a special tax upon excess profits due to the War as follows:—Upon such profits up to 15% of the invested capital, 20%; upon 15%-20%, a tax of 25%; upon 20%-25%, a tax of 35%; upon 25%-33%, a tax of 45%; and upon war excess profits above 33% of the invested capital, a tax of 60% of such profits. (Income up to $3,000 was exempt.) Upon a business with no capital, or with a merely nominal capital, instead of the war excess profits tax, a tax of 8% upon the net income in excess of $3,000 for a domestic corporation and in excess of $6,000 for a domestic partnership or citizen or resident of the United States.

The War Revenue Act of 1918, approved February 24, 1919, raised the normal corporation tax to 12% of the net income for 1918, 10% for 1919 and 1920. There was an exemption of $2,000. Excess profits for 1918 above $3,000 and 8% of the invested capital were taxed 30% on the amount up to 20% of the invested capital; 65% on the amount above 20% of the invested capital; and also the sum by which 80% of the net income above the special war-profits credits exceeded the 30% and 65% taxes. Excess profits for 1919 and 1920 were taxed 20% on the amount up to 20% of the invested capital; 40% on the amount above 20% of the invested capital; and, in addition, profits on Government war contracts were taxed at the 1918 rates.

RATES FOR 1922

The income tax upon corporations was set for the fiscal or calendar year 1922 by the act approved November 23, 1921, as follows:

Corporations Taxable.—Every corporation, including personal service corporation, joint stock company and association organized in the United States, with the exception of those not run for profit, as agricultural, labor, horticultural, scientific, educational, charitable and religious; for prevention of cruelty to children, and to animals; Chambers of Commerce, Boards of Trade, fraternal societies, civic and social welfare leagues, mutual or co-operative fire, cyclone and hail insurance companies, clubs for pleasure and recreation, mutual savings and co-operative banks without capital, cemetery companies for members only, domestic and national building and loan associations, federal land banks and farm loan associations.

Filing of Returns and Payments.—All corporations not exempt from the tax must file returns for the taxable year, which may be either the calendar or the fiscal year, whether or not they had any income for that year. Income from abroad to a foreign corporation, although paid within the United States, is not taxable. Returns must be filed on or before March 15 of each year, or on the fifteenth day of the third month after the close of the fiscal year, with the Collector of Internal Revenue for the district in which the principal business of the corporation is located. The return must include a statement on profits distributed to the stockholders during the year.

Affiliated corporations may file either consolidated or separate returns, but must obtain the consent of the Commissioner of Internal Revenue if the decision represents a change from the previous mode of return. In case of a consolidated return, the tax is prorated, but only one specific credit of $2,000 is allowed.

Statistics of the corporation tax in 1919, as made public in 1922, are as follows:

States	*Number Reporting* [1]	*Net Income* [2]	*Income Tax*	*War & Excess Profits Tax*	*Total Tax*	*Per Cent of Total Tax*
Alabama	2,092	$37,012,996	$2,834,379	$4,522,780	$7,357,159	0.34
Alaska	36	499,514	41,398	26,461	67,859	.01
Arizona	627	9,928,696	774,548	668,743	1,443,291	.07
Arkansas	1,721	27,764,783	2,089,928	3,702,438	5,792,366	.27
California	8,259	342,599,672	26,532,275	56,981,002	83,513,277	3.84
Colorado	3,107	79,287,797	6,237,031	11,353,470	17,590,501	.81
Connecticut	3,012	175,757,795	13,944,182	25,093,621	39,037,803	1.79
Delaware	466	36,679,540	3,051,705	5,537,152	8,588,857	.39
Dist. Columbia	659	29,746,693	2,380,341	4,031,164	6,411,505	.29
Florida	1,671	25,285,566	1,967,666	2,347,308	4,314,974	.20
Georgia	3,487	83,470,756	6,495,595	14,856,661	21,352,256	.98
Hawaii	357	40,922,726	3,096,592	7,941,189	11,037,781	.51
Idaho	951	11,399,127	866,210	884,225	1,750,435	.08
Illinois	13,792	833,157,670	66,614,011	122,707,710	189,321,721	8.70
Indiana	6,227	142,371,858	10,732,348	22,683,354	33,415,702	1.54
Iowa	5,373	71,809,349	5,259,785	8,863,099	14,122,884	.65
Kansas	3,436	116,251,721	9,771,492	11,216,492	20,987,914	.96
Kentucky	3,075	70,588,761	5,459,932	9,811,172	15,271,104	.70
Louisiana	2,690	88,957,200	6,885,473	15,900,477	22,785,950	1.05
Maine	1,908	48,758,261	3,833,086	6,991,671	10,824,757	.50
Maryland	2,647	93,967,364	7,470,128	14,779,353	22,249,481	1.02
Massachusetts	8,894	654,556,714	51,101,030	117,830,266	168,931,296	7.76
Michigan	6,637	517,774,681	38,506,222	121,060,455	159,566,677	7.34
Minnesota	5,946	190,433,359	15,633,731	19,691,572	35,325,303	1.62
Mississippi	1,177	18,702,567	1,396,154	2,369,006	3,765,160	.17
Missouri	8,740	286,507,230	22,095,190	48,833,070	70,928,260	3.26
Montana	1,770	14,867,974	1,123,195	633,625	1,756,820	.08
Nebraska	3,515	45,160,163	3,356,164	5,092,741	8,448,905	.39
Nevada	285	3,336,250	245,196	163,516	408,712	.02
New Hampshire	727	25,505,450	1,938,115	4,039,089	5,977,204	.27
New Jersey	6,035	254,570,015	19,584,420	45,748,068	65,332,488	3.00
New Mexico	494	4,273,632	317,342	259,796	577,138	.03
New York	30,470	2,392,486,064	196,187,661	305,280,094	501,467,755	23.05
North Carolina	3,501	114,681,366	8,707,081	21,102,835	29,809,916	1.37
North Dakota	2,135	9,152,029	505,850	498,789	1,004,639	.05
Ohio	12,194	619,258,196	48,737,520	99,422,775	148,160,295	6.81
Oklahoma	3,295	41,622,387	3,018,767	5,595,254	8,614,021	.40
Oregon	2,260	48,138,408	3,148,273	11,827,809	14,976,082	.69
Pennsylvania	11,100	902,728,720	72,770,211	126,208,200	198,978,411	9.15
Rhode Island	1,177	112,140,991	8,411,324	22,621,530	31,032,854	1.43
South Carolina	2,454	63,423,640	4,711,748	13,039,380	17,751,128	.82
South Dakota	1,887	12,080,876	755,398	1,104,146	1,859,544	.09
Tennessee	3,093	69,106,207	5,129,212	11,525,049	16,654,261	.77
Texas	5,957	128,674,523	9,830,138	18,942,179	28,772,317	1.32
Utah	1,442	23,992,237	1,865,686	2,129,861	3,995,547	.18
Vermont	561	12,480,258	950,811	1,925,974	2,876,785	.13
Virginia	3,423	128,641,705	10,654,033	14,961,342	25,615,375	1.17
Washington	4,744	96,005,295	6,967,780	17,198,354	24,166,134	1.11
West Virginia	2,448	74,646,962	6,165,721	11,544,185	17,709,906	.81
Wisconsin	6,875	172,213,124	12,775,659	29,588,492	42,364,151	1.95
Wyoming	805	8,039,590	608,151	668,766	1,276,917	.06
Total	209,634[1]	9,411,418,458[2]	743,535,888	1,431,805,690	2,175,341,578	100.00

[1] There were also 110,564 corporations reporting no net income.

[2] Representing the difference between $88,261,006,052 gross income and $78,849,587,594 deduction allowed.

The tax is payable in four equal instalments, the first due at the limit for the filing of the return; or in one payment at the time when the return is due. Extension of time granted for filing the return involves extension in the payment of the first instalment only, unless the payment of the other instalments is specifically extended also. If the extension is granted at the request of the taxpayer, interest upon the tax is charged at the rate of ½ of 1% per month. A default in the payment of any instalment makes the entire tax due and payable upon demand.

Failure to pay the tax when due or within ten days after demand involves a penalty of 5% of the tax, plus an interest charge of 1% per month. The same penalty is involved by understatement of tax due through negligence, without fraudulent intent; but the penalties for fraudulent returns are severe.

Every corporation paying in any taxable year to an individual, partnership or corporation, as interest, rent, wages or other determined income, sums of $1,000 or more,

must make returns of them, on prescribed forms. When required by the Collector of Internal Revenue, corporations must make returns also of collections of foreign items, and of dividends paid. Those acting as brokers may be required to make returns showing names of customers, and details concerning profits and losses, etc.

Net Income.—Gross income minus deductions.

Gross Income.—For domestic corporations, gains, profits and income, however paid, from services, trades, businesses, commerce, sales and dealings in property, rents, royalties, interest and dividends, and other transactions in activities carried on for profit. It does *not* include property (not the income) acquired by gift; interest on obligations of states or their political subdivisions and of the United States, and on Federal Farm Loan and War Finance Corporation securities.

Deductions Allowed.—Necessary business expenses; interest paid on indebtedness; all taxes except federal income, war-profits and excess taxes and taxes assessed against local benefits; losses not compensated for by insurance; worthless debts; dividends from domestic and certain foreign corporations; reasonable allowance for depreciation of property, for amortization of certain property acquired for war purposes, and for depletion, as in the case of oil from wells, or minerals from mines; and gain from compulsory conversion of property which is replaced.

Deductions *not* allowed are personal expenses, amounts for new buildings or permanent improvements increasing value of property; amounts spent in restoring property or in making good depreciation for which allowance is or has been made; premiums on life insurance for officers or employees for benefit of corporation.

Credits Allowed.—For corporations with net income of $25,000 or less, $2,000.

Rate of Tax.—Upon net income, minus above credit, if any, 12½%. There are no excess or war profits taxes for 1922. (For other taxes upon corporations, see Excise Laws and Internal Revenue.)

Corporation Tax (See also Taxation):
Provided for, 7406, 7510.
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Corporations (see Commerce and Labor, Department of):
Bond issuance by, power of Territorial legislatures to authorize, 1757.
Business stability would be assured by corporations being under Federal control, 6976.
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Taxes upon franchises of, recommended, 7042.
Treatment of American insurance companies in Russia discussed, 5961.
Corporations, Bureau of. (See Bureau of Corporations.)
Corporations, Bureau of, policy and work of, discussed, 6785, 6901.
Corps of Engineers. (See Engineer Corps.)
Corrupt Leaders, types of, discussed, 7034.

Corruption of Blood. — In English law, the process by which the heirs of a man convicted of treason or felony might not enjoy any of the rights of inheritance. (See Attainder.) The property of such a person at his death was treated as though he had left no natural heirs, and reverted either to the crown or to the lord of whom his land was held. The Constitution of the United States expressly forbids corruption of blood.

Costa Rica.—Costa Rica occupies part of the southern and narrowing isthmus of Central America, between Nicaragua and Panama, with a regular coast line on the Atlantic of about 200 miles, and a broken and varied coast on the Pacific, with two bold promontories—that of Nicoya in the north and Dulce in the south, each enclosing a gulf of the same name.

Physical Features and Climate.—The country is mainly an elevated tableland, intersected by lofty volcanic ridges, running from northwest to southeast. Although close to the Equator (between 8° 17′-11° 10′ N. latitude), and lying entirely within the tropical zone, the climate of Costa Rica is not unhealthful. Malaria and rheumatism are common in the coastal regions, but the climate of the plateau (at an elevation of 3,000-5,000 feet) is equable, with a mean temperature of 68° and a variation of only 5° between the extremes.

Provinces & Capitals	Population
Alajuela (Alajuela)	109,000
Cartago (Cartago)	72,000
Guanacaste (Liberia)	42,000
Heredia (Heredia)	48,000
Limon (Limon)	24,000
Puntarenas (Puntarenas)	23,000
San José (San José)	137,000
Total	455,000

The area is 23,000 English square miles.

History.—For nearly three centuries (1530-1821) Costa Rica formed part of the Spanish American dominions, the seat of administration being Cartago. In 1821 the country threw in its lot with the other Central American provinces and became independent of Spain. From 1824-1839 Costa Rica was one of the "United States of Central America."

Ethnography.—The inhabitants are mainly of Spanish blood, descendants of the colonists of the sixteenth and nineteenth centuries, with an admixture of mestizos or Spanish Indians. The aboriginal Indians were almost exterminated under three centuries of Spanish rule, and number about 4,000, while there are about 25,000 negroes, mostly Jamaicans and mainly employed on banana farms. The foreign white population amounts to 5,000 or 6,000, mainly Spaniards and Italians, with some German, British, and United States settlers.

Roman Catholic is the state religion, although there is complete religious liberty.

Government.—The present constitution rests upon the fundamental law of Dec. 22, 1871, as modified in 1882, 1903, and 1913, and is that of a centralized Republic, with a President elected by direct vote for four years (and ineligible for an immediate term) and a single chamber legislature.

Congress consists of forty-three Deputies, elected for four years by the direct vote of all adult self-supporting citizens, one-half of the deputies retiring biennially.

There are magistrates' courts in all centers and superior courts in each province, with a supreme court, two appeal courts and a court of cassation at the capital.

Service in the Army is compulsory in time of war on all able-bodied citizens between the ages of eighteen and fifty. A small permanent army of about 1,000 of all arms is maintained, and there is an organized militia with a reserve and a national guard. In time of war a partly trained force of 50,000 could be raised.

Primary Education is compulsory and free, the schools are well attended, and the proportion of illiterates is being rapidly reduced. There are secondary schools at San José, Cartago, Alajuela and Heredia, and colleges of law and medicine at San José. Latest figures showed 419 elementary schools, with 1,489 teachers and 35,000 pupils.

Debt.—An agreement, made between the Costa Rican Government and Mr. Minor C. Keith, providing for the issue of £2,000,000 Gold Refunding, to be applied to the Conversion of the External Debt, with all arrears of interest, and the Limon Sanitation Bonds (for which together £1,617,200, the balance, £382,800, being reserved for the Government's requirements), was finally accepted by the Foreign Bondholders in July, 1911.

These Bonds are payable in 1958, through the operation of a cumulative sinking fund of not less than 1 per cent. annually, commencing in 1921, and bear interest at the rate of 4 per cent. per annum for the first ten years, and at the rate of 5 per cent. thereafter, and are secured by a first charge on the Customs Revenue. The July, 1911, coupons and subsequent coupons were duly paid, and the conversion has been duly made.

In November, 1911, the Government of Costa Rica issued in Paris a new 5 per cent. Loan for 35,000,000 francs, for the purpose of paying off the Bonds of the Pacific Railway and the Internal Debt.

This Loan is secured by a first charge on the Government Liquor Monopoly, and has been given a quotation on the Paris Bourse. The proceeds of this issue have been applied to the payment of the Internal Debt and Pacific Railway Bonds in the early part of 1912, the Government, under the agreement with the French Bankers, having received 80 per cent. of the nominal value of the Loan coupons paid.

Latest figures give the total foreign debt as $14,000,000 and the internal debt as $5,000,000.

The annual revenue and expenditure are in the neighborhood of $4,000,000.

The unit of value is the gold colon ($.465).

Production and Industry.—More than two-thirds of the population are engaged in agriculture, the most important crops being coffee and bananas, the latter in annually increasing quantities. Coffee, rice, maize, sugar-cane, potatoes and beans are grown in the interior and bananas, cocoa, and rubber are produced in the coast lands. The soil is extraordinarily fertile, and for this reason the republic fully deserves the name of "Rich Coast," bestowed upon it (possibly on account of its reputed auriferous wealth) in the sixteenth century. There are vast forest-covered tracts on the Atlantic and Pacific slopes where cedar, mahogany, rosewood, ebony and dye-woods are obtained. Gold, silver, copper, iron, lead and zinc are believed to exist in many districts, but the gold fields alone are worked.

There are some 3,300 factories in the country, including coffee-drying establishments.

Latest figures give the value of the exports as $10,000,000 and that of the imports as $5,000,000. The chief imports, according to value, were flour, cotton goods, rice, drugs and cattle. The chief exports were bananas and coffee.

About 70 per cent of the imports come from the United States and 71 per cent of the exports go thither.

Shipping.—In 1917, 577 foreign vessels (795,000 tons) entered the Costa Rican ports, the mercantile marine of the country consisting only of a few small sailing and motor-driven vessels. The chief port is Limon, on the Atlantic coast, through which the whole of the important banana trade with the United States is done, as well as by far the larger part of the other exports and imports. Puntarenas is the most important harbor on the Pacific coast.

The railway system connects San José with both the Atlantic and the Pacific ports. It is about 350 miles long. There are 210 postoffices. There are 150 telegraph offices, with 15,300 miles of wire. There are 650 miles of telephone line.

Costa Rica:
Boundary question with Colombia discussed, 4627, 5868.
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Arbitration referred to President of United States, and award of, 5369, 6427.
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Negotiations with, transmission of information regarding, refused, 2690.
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Rupture with Nicaragua amicably settled, 6325.
Territorial controversies between States on San Juan River, 2736.
Treaty with, transmitted and discussed, 2675, 3175, 3185.
Exchange of ratification of recommendations regarding, 3201.

Costa Rica, Treaties with.—July 10, 1851, a treaty of friendship, commerce and navigation was concluded, containing the most-favored-nation clause, granting equal treatment and equal trade privileges to the citizens of each country in the territory of the other; exempting from military duty the citizens of either country in the territory of the other, and providing for the exchange of consular and diplomatic officers. It was provided that at any time after seven years either of the contracting parties might give notice of termination.

Claims.—July 2, 1860, a claims convention was concluded providing for a commission to act upon all claims for damages to persons and property sustained by citizens of the United States in Costa Rica. The commission met in Washington Feb. 8, 1862, and adjourned the following November, and awarded $25,704.14 against Costa Rica.

President McKinley by proclamation of Oct. 19, 1899, extended copyright privileges to Costa Rica, and in 1900 a protocol was concluded for the construction of an inter-oceanic canal.

Arbitration.—Differences which may arise of a legal nature or relating to the interpretation of existing treaties which it may not have been possible to settle by diplomacy shall be referred to the Permanent Court of Arbitration at The Hague, according to a convention signed at Washington Jan. 13, 1909.

A treaty providing for joint rights and privileges of naturalization was signed in 1911, and the ratifications were exchanged in 1912.

Costa Rica also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington July 29, 1914. (See South and Central America, Treaties with.)

Cost of Living.—The historian of the future, in evaluating the different forces which affected the status of society during the first decades of the twentieth century, will be compelled to give much attention to the phenomenon described as the high cost of living during that period. Excepting only the war in Europe, no other factor seems to have played so large a part in the daily lives of the entire population of the United States. Although the rise in the cost of commodities was steady from 1896, the years following the outbreak of war in 1914 saw a tremendous acceleration.

In 1916, food prices increased 125% from the prices in 1896. From October, 1915, to December, 1916, alone, the increase was 40%. (The increase in food prices from 1900 to 1910 was only about 20%, although during this period the price of butter increased 30%, of eggs 60%, and of bacon and pork, 135%.) The rapid increase in the war years may be seen by comparing these figures with the increase of only 60% in the 23 years between 1890 and 1913. In July, 1918, it was calculated that food prices had increased 63 per cent in the preceding five years, the effect of the Food Administration and government prices-fixing activities being indicated in the fact that the increase in food prices to the consumer increased only five per cent between May 15, 1917 and May 15, 1918. During that one-year period seven staples decreased in cost, especially potatoes, onions, flour and sugar.

The increase in retail prices of certain staple foods since 1890 is shown below:—

	1890	*1910*	*1915*	*1918*	*1921**
Round Steak., lb.	$.12	$.17	$.23	$.37	$.31
Pork Chops, lb..	.11	.19	.20	.39	.32
Bacon, lb.....	.12½	.26	.27	.53	.40
Lard, lb	.09	.16	.15	.33	.17
Hens, lb.....	.13½	.20	.21	.38	.36
Eggs, doz.....	.21	.33	.34	.57	.46
Butter, lb.....	.25½	.36	.36	.58	.53
Milk, quart.....	.07	.09	.09	.14	.14
Flour, ⅛ bbl....	.71	.86	1.03	1.64	1.25
Potatoes, peck...	.25	.26	.22½	.48	.48
Sugar, lb	.07	.06	.07	.10	.07

*November 15.

The cost of certain foods was as follows on November 15 of the years indicated:—

	1918	*1919*	*1920*	*1921*
Round Steak, lb..	$.38½	$.36	$.40	$.31
Pork Chops, lb..	.43	.42	.44	.32
Bacon, lb.....	.58	.51	.53	.40
Lard, lb	.34	.36½	.29	.17
Hens, lb.....	.39	.39	.43	.36
Eggs, fresh, doz..	.74	.81	.86	.70
Butter, lb.....	.67	.75	.69	.53
Milk, quart.....	.15	.16	.17	.14
Bread, lb loaf....	.10	.10	.12	.09
Flour, lb.....	.07	.07	.07	.05
Potatoes, lb.....	.03	.04	.03	.03
Sugar, lb.....	.11	.12½	.13	.07
ALL ARTICLES FOOD—				
(Relative value)	100%	105%	105%	83%

Changes in the yearly average of general *Wholesale Prices* in the United States in recent years have been as follows:

1913	100	1918	196
1914	100	1919	212
1915	101	1920	243
1916	124	1921	154
1917	176		

In January, 1922, *Wholesale Prices* were 48% higher than in 1914. The increase in specific commodities was as follows:—Farm Products, 16%; Food, etc., 34%; Cloths and Clothing, 83%; Fuel and Light, 83%; Metals, 17%; Building Materials, 102%; Chemicals and Drugs, 59%; House Furnishings, 114%.

Reports compiled by the Bureau of Labor Statistics of the United States Department of Labor give the following figures for the increase in the cost of living in the United States. The figures show percentage of increase since 1913:—

	Dec. 1916	*Dec. 1918*	*June 1920*	*Jan. 1 1922*
Food	26%	87%	119%	50%
Clothing	20%	105%	188%	84%
Housing	2%	9%	35%	61%
Furniture & House Furnishings	28%	114%	193%	118%
Fuel and Light	8%	48%	72%	81%
Miscellaneous	13%	82%	101%	107%
Total	18%	74%	117%	74%

In June, 1918, the commission appointed by Director General of Railroads McAdoo on the cost of living and wages of railroad employees made a comprehensive report of its investigations. Announcing that the cost of living had increased disproportionately among those receiving the smallest incomes, it announced that for the man receiving $85 a month on January 1, 1916, an increased wage of 40 per cent was needed in June, 1918, to give him the same standard of living he then enjoyed, with even larger percentages below that wage. The committee announced that the increases in the family budget from January 1, 1916 to January 1, 1918, were as follows:

Food	52 per cent
Rent	10 per cent
Clothing	44 per cent
Fuel and light	31 per cent
Sundries	35 per cent

Weighting the above increases according to the proportion of expenditure for the different items according to the incomes of various families, the increase in the above period was as follows:

Family income up to $600 annually....40%
Family income from $600 to $1,000..38%
Family income from $1,000 to $2,000..37%

The commission found little variation in the increased cost of living in various sections of the country.

The New York State Industrial Commission gives later figures on increases in wages and employees in that state, compared with food costs in the United States, as follows:

Year	*Wages*	*Employees*	*Food Prices*
1914 (June)	100	100	100
1915 (July)	100	97	101
1916 (August)	114	113	114
1917 (September)	134	118	155
1918 (October)	176	117	183
1919 (November)	200	118	194
1920 (December)	223	100	180
1922 (Jan. 1)	197	94	153

In the following table, the relative increase in food prices since the outbreak of the European War is indicated for different countries:

	July 1914	*July 1917*	*Sept. 1919*	*Sept. 1921*
United States	100	143	184	150
Australia	100	126	148	154
Belgium	100	...	342	406
Canada	100	157	193	159
France (cities)	100	200[1]	289[1]	350[1]
Germany	100	...	...	1418
Great Britain	100	204	216	225
Italy	100	137	214	430
Netherlands	100	...	203	184
Sweden	100	177	309	228
Switzerland	100	179[2]	261[2]	206

[1] Quarter beginning with July. [2] June.

The increase in the cost of living in other countries during the period of the European War may be deduced from the following table presented by the British Ministry of Food showing the increase in the prices of bread, milk, beef and butter, with 100 representing the prices obtaining in each country on August 1, 1914:

	July, 1917	July, 1918	Oct., 1918
United Kingdom	185	179	195
France	170	203	220
Italy	149	256	264
United States	140	153	161
Sweden	160	268	305
Switzerland	180	213	215
Germany	181	249	228
Austria	318	502	622

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Discussed, 8765, 8815.
International Commission on, 7724.
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Cotton:
Captured and forfeited, referred to, 3666.
Cases, suits in Court of Claims known as, 4003.
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African possessions of Portugal, 3864.
Brazil, 4711.
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Duty on, Lord Aberdeen's letter regarding, 1134.
Expositions. (See Atlanta, Ga., and New Orleans, La.)
Loan referred to, 3583.
Persons engaged in bringing out, order regarding, 3439.
South should plant other crops than, 8251.
Cotton Boll Weevil, attention called to, 6802.

Cotton Crop.—The cotton plant is indigenous to tropical India and America. Cotton cloth is mentioned by Herodotus, was known in Arabia in the time of Mahomet, and was introduced into Europe by his followers. It was used by the Chinese in the thirteenth century, and was grown and woven in Spain in the tenth century. Cotton fabrics were worn by the American Indians when first visited by Columbus. The first cotton factory in America was set up at East Bridgewater, Mass., in 1787.

The first effort to cultivate cotton in the United States was made in Virginia in 1621. Later, experiments in cotton culture were made in Maryland, Delaware, Pennsylvania and New Jersey, but conditions of climate in those states were found unsuitable. It was introduced into South Carolina in 1733 and into Georgia in 1734. It was being grown in Louisiana in 1741. Cotton was not grown as a staple crop, however, until 1770, at which time shipments of American cotton to Liverpool were recorded as: "Ten bales from Charleston, three bales from New York, four bags from Virginia, and three barrels from North Carolina." After the Revolutionary War the cultivation of cotton spread more rapidly. The crop of 1790 produced 3,138 equivalent bales of 500 pounds each, 379 of which were exported. Sea island cotton was first grown in 1786.

Cotton is grown in many localities within a globe-encircling belt about five thousand miles wide, but the total area devoted to its cultivation constitutes only a small part of the entire land surface within this belt. A number of conditions are requisite for the successful production of cotton, the most important factor being a suitable climate. The cotton plant requires a long warm season in which to come to full maturity, as well as adequate moisture. In some localities where the rainfall is insufficient, recourse is had to irrigation.

Altogether the greatest cotton-growing section in the world, both in extent and in production, is located in the southern and southeastern parts of the United States. It includes small portions of Virginia, Kentucky, Missouri, Kansas, and New Mexico, and the states lying to the south. This cotton-producing area is about 1,500 miles long, from east to west, and about 500 miles in width. Within the past few years the cultivation of cotton has been undertaken in Arizona and California, on irrigated land, with considerable success, especially in the latter state. The growing of other valuable crops, however, will probably prevent any appreciable increase in the production in these states.

Some idea of the importance of cotton production in the United States from an economic standpoint may be had when it is considered that, next to corn, cotton is the most valuable crop grown in the country, and that cotton is the largest single item of export. The value of the cotton crop of 1909 represented 15 per cent of the total value of all the crops of the country. The value of cotton exported during the fiscal year 1913 amounted to $547,357,195, or 22.5 per cent of the total value of all articles of domestic merchandise exported during the year. These large exports, combined with the more than 5,000,000 bales consumed in domestic manufacture, strikingly indicate the importance of cotton in the economic affairs of the Nation. Of the total production of commercial cotton in 1913 the United States contributed 60.9 per cent.

Cotton now leads all other fibers as a textile material. The position attained by this staple and its manufactures in the industrial and commercial world renders reliable information regarding it of great importance. The international trade in no other single article equals that in cotton and the products made from it. In its various stages—from the seed to the completed fabric—it furnishes employment to a considerable portion of the entire human race. It affects not only those who are engaged directly in producing, handling, and consuming the fiber and its products, but also large numbers who touch it, so to speak, as merchants, bankers, manufacturers of fertilizers and ginning machinery, and, in fact, some of those engaged in almost any line of endeavor.

Cotton production in the United States for recent years has been as follows:

Year	Gross Equivalent of 500-lb. bales. Cotton	Linters
1911-2	15,692,701	557,575
1912-3	13,703,421	609,594
1913-4	14,156,486	638,881
1914-5	16,134,930*	856,900
1915-6	11,191,820	880,780
1916-7	11,449,930	1,080,802**
1917-8	11,302,375	928,913**
1918-9	12,040,532	.....

*Record Year. **Calendar Year.

The production of cotton seed in recent years has been as follows:

1912	6,104,000 short tons
1913	6,305,000 short tons
1914	7,186,000 short tons
1915	4,992,000 short tons
1916	5,113,000 short tons
1917	5,040,000 short tons
1918	5,360,000 short tons

The following table shows the cotton production of the United States for 1919, in running bales, counting round as half bales and excluding linters:

Alabama	733,000
Arizona	90,000
Arkansas	775,000
California	68,000
Florida	22,000
Georgia	1,787,000
Louisiana	330,000
Mississippi	900,000
Missouri	55,000
North Carolina	935,000
Oklahoma	760,000
South Carolina	1,610,000
Tennessee	274,000
Texas	2,400,000
Virginia	24,000
All other states	6,000
Total	10,769,000

The following table gives a survey of the "spot price" of cotton at New York since the Civil War:

Year	*High*	*Low*	*Year*	*High*	*Low*
1864	190	72	1905	12½	7
1865	120	35	1908	12¼	9
1866	52	32	1910	19¾	13
1867	36	15½	1912	13½	9¼
1870	25¾	15	1914	14½	7¼
1875	17¼	13	1915	12¾	7¾
1880	13¼	11	1916	21	11¼
1890	12¾	9¼	1917	31¾	14¼
1895	9½	5½	1918	38¼	25¾
1900	11	7½	1919	40¼	25

The number of bales and the value of the exports of cotton in recent years have been as follows:

Year	Bales	Value
1911	8,025,991	$585,319,000
1912	10,681,000	565,849,000
1913	9,199,000	547,357,000
1914	9,256,000	610,475,000
1915	8,931,000	376,218,000
1916	6,406,000	374,186,000
1917	5,964,000	543,075,000
1918	4,577,000	665,025,000
1919	5,606,000	863,161,000

	Report Year	*1904*	*1889*	*1869*
Number Establishments	1,328	1,154	905	956
Persons Engaged	403,911	323,287	(2)	(2)
Salaries and Wages	$169,822,599	$106,443,687	$ 69,489,272	$ 39,044,139
Capital	899,764,682	613,110,655	354,020,843	140,706,291
Cost of Materials	443,522,515	286,255,303	154,912,979	111,736,936
Value of Products	701,300,933	450,467,704	267,981,724	177,489,739

(2) Figures not available.

The value of the exports of domestic cotton goods in recent years has been as follows:

1913	$ 53,744,000	1917	$136,300,000
1914	51,467,000	1918	169,378,000
1915	71,974,000	1919	232,681,000
1916	112,053,000		

Between 30,000,000 and 40,000,000 acres are given over to the production of cotton in the United States.

In the year preceding the outbreak of the World War, the entire world market's consumption of cotton represented some 20,000,000 bales, of which the United States consumed 5,700,000; Great Britain, 4,300,000; and Continental Europe, 6,000,000.

About 60 per cent of the world's production of cotton comes from the United States, 17 per cent from India, 12 per cent from China and Korea, 6 per cent from Egypt, and most of the remainder from Russia, Brazil, Mexico and Peru.

See illustrations opposite 932 and 2396.

Cotton Exposition.—From Sept. 18 to Dec. 31, 1895, was held at Atlanta, Ga., the Cotton States Industrial Exposition, having for its chief purpose the display of the agricultural, manufacturing and mineral resources of the southern states. The site covered an area of 189 acres in Piedmont Park, on which some thirty exhibition buildings were erected. The Federal government and many foreign countries and various states of the Union, as well as South and Central America Republics made exhibits. Numerous congresses of educational and industrial interests were held in the auditorium, and to nearly every day was assigned some special feature of interest. The total attendance was 1,179,889. The receipts from admissions were $500,000; from concessions, $125,230; from rent of floor space, $79,000, a total of $704,230, as against a cost of $960,930.

Cotton Expositions. (See Atlanta, Ga.; New Orleans, La.)

Cotton Manufacture.—The first survey of cotton manufacture in the United States was made privately by a Philadelphian as early as 1810; and is naturally not to be accepted as altogether accurate. Most of the manufacture in those days occurred in the homes, although 269 manufacturing establishments were reported, chiefly in Pennsylvania and Massachusetts. It was estimated that in 1810 16,500,000 yards of cotton goods, valued at about $8,000,000, were produced in the homes of the country.

By 1840, 1,240 establishments were reported, with 72,000 persons engaged and products valued annually at $46,000,000. By 1850, 1,100 establishments were reported, with 92,000 persons engaged and annual production valued at $61,500,000. By 1860, there were 1,100 establishments, in which 122,000 persons were engaged, and with an annual production valued at $115,000,00. The growth of the industry in recent years is presented in an adjoining table.

Cotton manufacturing is the most important branch of the entire textile industry in the United States, representing about 46½ per cent of the total capital therein invested and producing 40 per cent of the entire value of the textile product.

The following table shows the leading states in the industry, together with their share in the entire industry:

	Percentage of Wage-earners	Percentage of Value of Products
Massachusetts	29%	28%
North Carolina	14%	13%
South Carolina	12%	11%
Georgia	8%	9%
Rhode Island	8%	7%
New Hampshire	6%	5%
Pennsylvania	4%	4%
Connecticut	4%	4%
Alabama	4%	4%
Maine	4%	3%

Of the wage-earners, 158,000 work 54 hours weekly and 157,000 60 hours weekly. 1,150 work 48 hours and less; 3,000 from 48 to 54 hours; 72,000 from 54 to 60 hours; and 1,686 more than 60 hours. In the four leading Southern states, 98 per cent of the wage-earners work 60 hours weekly or above.

The following table shows the materials used in the processes of manufacture in the cotton-manufacturing industry:

	Pounds	*Valued at*
Cotton, raw	2,523,500,837	$330,315,222
Dyed, Bleached and Treated Cotton	1,052,836	111,423
Cotton Waste	54,116,105	3,542,631
All other Fibres	4,276,476	3,542,631
Cotton Yarn	139,482,027	39,793,131
Other Yarns	3,309,277	4,793,221
Starch	.....	2,629,558
Chemicals and Dyes	.....	5,769,235
Other Materials	.....	53,364,831

The following table shows the value of the products manufactured:

	Square Yards	*Value*
Sheetings, Shirtings, Muslins	3,852,471,903	$196,520,984
Ducks	251,367,711	49,179,212
Ginghams	489,661,133	36,706,542
Napped Fabrics	263,862,227	24,352,020
Drills	269,969,885	21,256,698
Twills, Sateens, Etc.	392,108,735	32,891,854
Other Fancy Weaves	717,407,623	75,546,761
Velvets, Corduroys, etc.	29,128,703	8,540,143
Toweling and Terry Weaves	75,798,907	9,805,232
Mosquito Netting, etc.	97,981,783	2,820,524
Baggings, Bags	129,357,002	9,705,616
Tapestries	101,137,710	5,411,592
Woven Goods	214,287,359	17,248,099
Yarns for Sale	497,986,999	127,363,952
Thread	26,507,023	22,917,099
Twines	13,284,875	2,792,125
Cordage, Rope	5,515,658	891,223
Cotton Waste	317,360,019	14,421,929
All Other Products	.....	42,929,328

The industry has gained little foothold west of the Mississippi, although it is growing in that region. Massachusetts has been the leading state in the industry in every census since 1839.

The greatest activity in the industry is in the first four months of the year.

Fifty-nine per cent of the workers are male and 41 per cent female. Of all the wage-earners, 8 per cent were under 16, but the number of such has decreased about 16 per cent since 1909. In 1909, 10 per cent of the wage-earners were under 16, and in 1904, 13 per cent. The ratio of the wage-earners under 16 to the entire number in the leading states in the industry is as follows: Massachusetts, 4 per cent; North Carolina, 13 per cent; South Carolina, 15 per cent; Georgia, 19 per cent; Rhode Island, 6 per cent; New Hampshire, ½ of 1 per cent; Pennsylvania, 7 per cent; Connecticut, 4 per cent; Alabama, 17 per cent; Maine, 3 per cent.

Of the establishments, 105 are owned by individuals, 1,116 by corporations and 107 by others. 96 per cent of the value of the product comes from the corporation-owned establishments.

In the value of the annual product, 14½ per cent of the establishments go above $1,000,000; 62 per cent between $100,000 and $1,000,000; and 17½ per cent between $20,000 and $100,000.

Cottonseed Products.—Prior to the introduction of oil mills cotton seed was practically valueless, except for planting purposes. Although it was used to some extent for fertilizing and for planting, a very large proportion of the total amount produced was considered a waste product and treated accordingly. The manufacture of oil from cotton seed first reached importance in England. That country, with a crush of about 200,000 tons of cotton seed annually, was the leading cottonseed-oil producing country in the world as late as 1870. A few mills were constructed in the United States prior to the Civil War, but the growth of the industry was very slow, and at the census of 1880 only 45 such establishments were reported in the United States. Since that time the industry has shown marvelous growth in this country, there being 870 establishments engaged in the crushing of cotton seed during the season of 1913-14, with a crush of more than 4,750,000 tons.

Many changes have been brought about in this industry, that of delinting the seed preparatory to crushing being of particular interest in a report on the cotton crop. The first mills erected were not equipped with machinery for this purpose, as the seed treated were usually of the sea-island or Egyptian varieties, which are smooth and comparatively free from lint. Practically all of the seed treated in the United States are of the upland varieties of cotton, and these seed, unless specially reginned, are covered with short fibers, which prevent a complete separation of the meats from the hulls, as small particles of the former become enmeshed in the fibers and are carried away with the hulls. When seed were first delinted, not more than 25 or 30 pounds of linters were obtained per ton of seed treated. With the increase in the value of oil and meal, efforts were made to increase the yield of these products, and machinery was devised for the closer delinting of seed. Accordingly improved machinery of this character has very generally been installed, and now many establishments obtain more than 100 pounds of linters per ton of seed treated, some obtaining as much as 150 or 160 pounds per ton.

Cotton State.—Alternative nickname for Alabama. (See Land of Flowers.)

Cotton-Spinning Machinery.—A census of this industry for a recent year gives its condition before the advent of war made it, and all other American industry, abnormal.

The manufacture of machinery for cotton spinning in the United States did not parallel the great rise of the cotton trades in this country. Up to 1831 only one shop, built in Lowell, Mass., in 1824, was engaged in manufacturing machinery for cotton-spinning. In 1831, two others were built, both in Massachusetts—one in Whitinsville and the other at Newton Upper Falls; but although the number of cotton spindles in operation increased 1400 per cent in the next sixty years, all machinery except that manufactured in the shops mentioned above and one or two others came from England. This situation was due to the facts that England was the center of the cotton and textile industry of the world, that she therefore dominated the industry in other countries, that much of the stock in the American cotton-spinning companies was owned by Englishmen, and that many of the workmen and most of the managers were from England and hence were more accustomed to English machines.

The year 1890, however, saw the end of inertia in this branch of industry, and the United States began to manufacture itself the machinery which it used on its cotton mills and factories. By 1915, more than 90 per cent of such machinery used in this country was produced here. In 1909, 1,132 cotton-textile machines were imported from abroad through Boston, New York and Philadelphia, and in 1914 that number had fallen to 275. Up to the present time, however, the United States has produced practically no cotton-spinning machines for abroad, and the exports are negligible.

Practically all the machines used in cotton-spinning as manufactured in this country are of the ring-spinning type, mule spinning being very scarce in the United States. There are seven firms altogether producing cotton-spinning machinery in this country, of which three firms, owning six plants in New England, account for 85 per cent of the product.

The average pre-war sales in recent years were in the neighborhood of $10,000,000, the average profit being about 18 per cent thereof. The cost of production was divided as follows: Materials, 44¾ per cent; Payroll, 44¼ per cent; Royalties, ¾ of 1 per cent; Repairs, 4¼ percent; Insurance and Taxes, 1½ per cent; Selling Expense, 2 per cent; Administrative Expense, 2¾ per cent.

Council Bluffs, Iowa, act authorizing purchase of ground for Government offices in, vetoed, 5258.

Council of National Defense.—Provision for a Council of National Defense was made in the Army Appropriation Bill approved on August 29, 1916, in order to provide for the "coordination of industries and resources for the national security and welfare." The Board consists of the Secretary of War (Chairman), and the secretaries of Navy, Interior, Agriculture, Commerce and Labor. The development of the work of the Council is best described by President Wilson himself as the "coordination of all forms of transportation and the development of the means of transportation to

meet the military, industrial and commercial needs of the nation" and "the collection of complete information as to our present manufacturing and productive facilities adaptable to the many-sided uses of modern war." Provision was made also for the appointment by the President of an advisory committee of seven, on the nomination of the Council, to assist in the administration of the program of the Council.

On December 7, 1917, it was announced that the main and subsidiary advisory committees connected with the Council would be disbanded, and would be replaced by sections of industry which were to be placed under government control. The heads of these sections, in most cases the same as under the former arrangement, would thus be government officers selected largely by the industries themselves with government salaries, instead of government advisers and advisers to industry at the same time.

In the latter part of July, 1917, a sub-division of the Council was created for the purpose of co-ordinating the work concerned with the war industries of the country. It was known as the War Industries Board, and was headed originally by Frank A. Scott, who was compelled, however, to resign because of ill health on October 25, 1917. He was succeeded on November 19 by Daniel Willard, president of the Baltimore and Ohio Railroad. Mr. Willard resigned in February, 1918 and was succeeded on March 4, 1918, by Bernard M. Baruch, of New York. In the letter to Mr. Baruch tendering the appointment, President Wilson defined the functions of the War Industries Board as follows:

(1) The creation of new facilities and the disclosing, if necessary the opening up, of new or additional sources of supply;

(2) The conversion of existing facilities, where necessary, to new uses;

(3) The studious conservation of resources and facilities by scientific, commercial, and industrial economies;

(4) Advice to the several purchasing agencies of the Government with regard to the prices to be paid;

(5) The determination, wherever necessary, of priorities of production and of delivery and of the proportions of any given article to be made immediately accessible to the several purchasing agencies when the supply of that article is insufficient, either temporarily or permanently;

(6) The making of purchases for the Allies.

Among the accomplishments of the Council of National Defence and its advisory board in the first year of the struggle between the United States and Germany may be mentioned: An inventory of American manufacturing plants; the coordination of purchases through the General Munitions Board, later absorbed into the War Industries Board; the mobilization of the railroads for national purposes; the organization of the telegraph and telephone systems of the country for the same purpose; the creation of a General Medical Board, to assist in the medical preparation of America, with the selection of thousands of officers for the Medical Officers' Reserve Corps and the standardization of medical supplies and instruments; the creation of the Aircraft Production Board; the standardization of coal supplies; the bringing together of capital and labor, with the insistence upon certain labor and wage standards; the application of business principles of efficiency to much of the work at Washington; the mobilization for war purposes of the educational institutions of the country; the creation of a railroad commission dispatched to Russia; the creation of a body to promote and classify all research work of military value; assistance in housing problems near industrial plants; assistance in developing the use of motor-trucks for Government transportation; the creation of a woman's committee, lining up the women of the country for assistance to the government.

Council of National Defense:
Civil Service obligations removed from, 8253.
Establishment of, urged, 7697.

Council of Soldiers' and Workmen's Delegates. (See Russia, Russian Revolution.)

Council of War.—Meeting of army officers to determine the course of military action.

Counselor, Department of State.—Appropriation of $7,500 as yearly salary for a counselor to the Department of State was first made in the appropriation act of June 17, 1910. This officer is appointed by the President, by and with the consent of the Senate, and in the Department of State he ranks next to the Secretary of State. As his title indicates, he advises the department on matters of law and policy which are of especial importance. In addition, he is in charge of Far Eastern affairs (q. v.) and of relations with belligerents affecting trade. In addition, he is charged with the conduct of the Information Bureau of the department (q. v.). (See State Department.)

Counterfeit.—An imitation of money, bonds or other things of value.

Counterfeiting:
Of foreign and domestic coins, 1136, 1268.
Pardons granted counterfeiters, etc., referred to, 3818.

Country Life Commission.—In August, 1908, President Roosevelt, desirous of improving social, sanitary and economic conditions on American farms, invited Prof. L. H. Bailey, of the New York College of Agriculture, at Ithaca; Henry Wallace, of *Wallace's Farmer*, Des Moines, Ia.; Kenyon L. Butterfield, president of the Massachusetts Agricultural College, at Amherst; Gifford Pinchot, of the United States Forest Service, and Walter H. Page, editor of *The World's Work*, New York, to assist him by acting as a committee of investigation, or "Commission on Country Life." The immediate purpose of the president in appointing the Commission was to gain from them information and advice which would enable him to make recommendations to Congress.

The Commission carried on its inquiries and investigations by correspondence and by personally holding meetings in rural sections at which the farmers themselves discussed their needs. The letters and speeches of the farmers formed, when classified and arranged, a condensed and comprehensive consensus of the opinions of farmers as to what are the chief rural problems and what are the remedies for evils and deficiencies.

Country Life Commission:
Report submitted, 7253.

Country Schools. (See Education.)

County.—Originally the territory of a count or earl. County government was early established in this country. In 1639 Virginia had eight counties, originally called shires. By 1680 the number was increased to twenty. In South Carolina the original subdivision of the Colony was the parish. Southern counties generally had officers and courts similar to those of England. Massachusetts first incorporated counties in 1643. In most Colonies, however, county government was established with English rule. Each state of the Union, except Louisiana, which adheres to the parish system, is now divided into counties, each of which contains a county seat, in which is usually located a court-house and a jail or prison.

Coupon.—The interest check attached to a bond, to be cut off, or "clipped," and presented for payment.

Coupon Bond.—A bond with the interest check attached.

Courier, The, officers and men of, rescued by Spanish ship *Sabina*, 2005.
Compensation for, requested, 2005.

Courland. (See Baltic Provinces.)

Court Martial. (See Courts Martial.)

Court of Arbitration (International). (See Hague Peace Conference.)

Court of Claims.—This court was established by act of Congress, Feb. 24, 1855. It has general jurisdiction of all "claims founded upon the Constitution of the United States or any law of Congress except for pensions, or upon any regulation of an Executive Department, or upon any contract, expressed or implied, with the Government of the United States, or for damages, liquidated or unliquidated, in cases not sounding in tort, in respect of which claims the party would be entitled to redress against the United States, either in a court of law, equity, or admiralty, if the United States were suable, except claims growing out of the late Civil War and commonly known as war claims," and certain rejected claims. It has jurisdiction also of claims of like character which may be referred to it by any Executive Department, involving disputed facts of controverted questions of law, where the amount in controversy exceeds $3,000, or where the decision will affect a class of cases or furnish a precedent for the future action of any Executive Department in the adjustment of a class of cases, or where any authority, right, privilege or exemption is claimed or denied under the Constitution. In all the above-mentioned cases, the court, when it finds for the claimant, may enter judgment against the United States payable out of the public treasury. An appeal, only upon questions of law, lies to the Supreme Court on the part of the defendants in all cases, and on the part of the claimants when the amount in controversy exceeds $3,000. The findings of fact by this court are final and not subject to review. The statute of limitations prevents parties bringing action on their own motion more than six years after the cause of action accrued. Any of the departments, however, may refer claims at any time if they were pending therein within a period of six years.

Under an act of March 2, 1887, the Secretary of the Navy referred to this court all cases growing out of claims for bounty for war vessels captured or destroyed by the United States Navy during the late war with Spain, involving the consideration of every naval conflict that took place during that war and the rights of all the officers and men engaged. This court was also vested with jurisdiction over certain Indian depredation claims by an act of March 3, 1891. By the act of April 29, 1902, Congress conferred upon this court jurisdiction over all claims against the United States arising out of the payment of custom duties to the military authorities in the Island of Puerto Rico upon articles imported from the several states.

The act of June 25, 1910, "An act to provide additional protection for owners of patents of the United States, and for other purposes," conferred a new jurisdiction. There are five judges, who sit together in the hearing of cases, the concurrence of three of whom is necessary for the decision of any case. The court sits at Washington, D. C., on the first Monday in December each year and continues into the following summer and until all cases ready for trial are disposed of. Cases may be commenced and entered at any time, whether the court be in session or not.

In 1920, the chief justice was Edward K. Campbell and the associate justices were Fenton W. Booth, Samuel J. Graham, George E. Downey, and James Hay. The annual salary of the chief justice is $6,500 and of the associate justices, $6,000.

Court of Claims (see also Southern Claims Commission; War Claims):
- Act in relation to new trials in, vetoed, 4168.
- Claims pending in, referred to, 4205, 5755.
- Joint resolution to refer certain claims to, discussed, 4741.
- Judgments of, should be made final, 3252.
- Method of verifying claims against Government, recommendations regarding, 4303.
- Suits pending in, known as cotton cases, 4003.

Court of Customs Appeals.—On account of widespread criticism of the rulings of customs officials and the consequent appeals to the federal courts by importers, Congress on Aug. 5, 1909, passed an act creating a Court of Customs Appeals to hear and determine such cases. The law was amended Feb. 25, 1910, and provides that there shall be a United States Court of Customs Appeals, which shall consist of a Presiding Judge and four Associate Judges, each of whom shall be appointed by the President, and shall receive a salary of seven thousand dollars a year. The Presiding Judge shall be so designated in the order of appointment and in the commission issued to him by the President; and the Associate Judges shall have precedence according to the date of their commissions. Any three members of said court shall constitute a quorum, and the concurrence of three members shall be necessary to any decision thereof.

If the importer, owner, consignee, or agent of any imported merchandise, or the Collector or Secretary of the Treasury, shall be dissatisfied with the decision of the Board of General Appraisers as to the construction of the law and the facts respecting the classification of such merchandise and the rate of duty imposed thereon under such classification, or with any other appealable decision of said board, they, or either of them, may, within sixty days next after

the entry of such decree or judgment, and not afterward, apply to the Court of Customs Appeals for a review of the questions of law and fact involved in such decision.

In 1920, the presiding judge was Robert M. Montgomery and the associate judges were James F. Smith, O. M. Barber, Marion De Vries, and George E. Martin.

Court of Private Land Claims:

Difficulty in administering law establishing, discussed, 5638, 5760.

Organization of, discussed, 5632.

Court, Supreme. (See illustration, frontispiece, Vol. XVI.):

Allotment of justices of, to circuits, 3324, 3376.

Appeals to, from courts of District of Columbia and Territories, recommendations regarding, 4939, 5103.

Bill for relief of, discussed, 5560.

Building for, recommended, 6343.

Decisions in joint traffic association and trans-Missouri cases of no practical effect, 7076.

Delay of justice in, discussed and intermediate court recommended, 4453, 4526, 4574, 4640, 5362, 5477.

Circuit courts of appeals discussed, 5968.

Act regarding, vetoed, 5679.

Distribution of decisions of, referred to, 2130, 2212.

Jurisdiction of, restriction of, 7431, 7523.

Justices of—

Salaries of, increase in, recommended, 3996.

Should be exempted from other duties, 830.

Limitation upon right in felony cases to review by, recommended, 5632, 5880.

Reports, of. (See Supreme Court Reports.)

Right of appeal to, discussed, 7523.

Vacancies in, and reasons for not filling discussed by President Lincoln, 3250.

Courts.—Public tribunals for the administration of justice and the interpretation of law were authorized by the Constitution, and the First Congress established the United States Supreme Court. John Jay, of New York, was made chief justice, and the first session was held in 1790.

The salary of the Chief Justice of the United States is $15,000; of Associate Justices, $14,500.

The Supreme Court is the highest tribunal of the United States. It consists of a Chief Justice and eight associate justices and holds its sessions annually in the Capitol at Washington, commencing the second Monday in October. All its members are appointed by the President, with the advice and consent of the Senate, and hold office during good behavior, receiving a compensation which may not be diminished during their term of office. They have the privilege of retiring at the age of seventy if they have served ten years and of drawing their salaries for the remainder of life.

The Justices of the Supreme Court, with the names of the Chief Justices in *italics*, from the beginning are as follows:

Name	Service		Born	Died
	Term	Yrs		
John Jay, N. Y.	1789–1795	6	1745	1826
John Rutledge, S. C.	1789–1791	2	1739	1800
William Cushing, Mass.	1789–1810	21	1733	1810
James Wilson, Pa.	1789–1798	9	1742	1798
John Blair, Va.	1789–1796	7	1732	1800
Robert H. Harrison, Md.	1789–1790	1	1745	1790
James Iredell, N. C.	1790–1799	9	1751	1799
Thomas Johnson, Md.	1791–1793	2	1732	1819
William Paterson, N. J.	1793–1806	13	1745	1806
John Rutledge, S. C.	1795–1795	..	1739	1800
Samuel Chase, Md.	1796–1811	15	1741	1811
Oliver Ellsworth, Ct.	1796–1800	4	1745	1807
Bushrod Washington, Va.	1798–1829	31	1762	1829
Alfred Moore, N. C.	1799–1804	5	1755	1810
John Marshall, Va.	1801–1835	34	1755	1835
William Johnson, S. C.	1804–1834	30	1771	1834
Brock Livingston, N. Y.	1806–1823	17	1757	1823
Thomas Todd, Ky.	1807–1826	19	1765	1826
Joseph Story, Mass.	1811–1845	34	1779	1845
Gabriel Duval, Md.	1811–1836	25	1752	1844
Smith Thompson, N. Y.	1823–1843	20	1767	1843
Robert Trimble, Ky.	1826–1828	21	1777	1828
John McLean, Ohio.	1829–1861	32	1785	1861
Henry Baldwin, Pa.	1830–1844	14	1779	1844
James M. Wayne, Ga.	1835–1867	32	1790	1867
Roger B. Taney, Md.	1836–1864	28	1777	1864
Philip P. Barbour, Va.	1836–1841	5	1783	1841
John Catron, Tenn.	1837–1865	28	1786	1865
John McKinley, Ala.	1837–1852	15	1780	1852
Peter V. Daniel, Va.	1841–1860	19	1785	1860
Samuel Nelson, N. Y.	1845–1872	27	1792	1873
Levi Woodbury, N. H.	1845–1851	6	1789	1851
Robert C. Grier, Pa.	1846–1870	23	1794	1870
Benj. R. Curtis, Mass.	1851–1857	6	1809	1874
John A. Campbell, Ala.	1853–1861	8	1811	1889
Nathan Clifford, Me.	1858–1881	23	1803	1881
Noah H. Swayne, Ohio.	1861–1881	20	1804	1884
Samuel F. Miller, Iowa.	1862–1890	28	1816	1890
David Davis, Ill.	1862–1877	15	1815	1886
Stephen J. Field, Cal.	1863–1897	34	1816	1899
Salmon P. Chase, Ohio.	1864–1873	9	1808	1873
William Strong, Pa.	1870–1880	10	1808	1895
Joseph P. Bradley, N. J.	1870–1892	22	1813	1892
Ward Hunt, N. Y.	1872–1882	10	1811	1886
Morrison R. Waite, Ohio.	1874–1888	14	1816	1888
John M. Harlan, Ky.	1877–1911	34	1833	1911
William B. Woods, Ga.	1880–1887	7	1824	1887
Stanley Matthews, Ohio.	1881–1889	8	1824	1889
Horace Gray, Mass.	1881–1902	21	1828	1902
Samuel Blatchford, N. Y.	1882–1893	11	1820	1893
Lucius Q. C. Lamar, Miss.	1888–1893	5	1825	1893
Melville W. Fuller, Ill.	1888–1910	22	1833	1910
David J. Brewer, Kan.	1889–1910	21	1837	1910
Henry B. Brown, Mich.	1890–1906	16	1836	1913
George Shiras, Jr., Pa.	1892–1903	11	1832	1916
Howell E. Jackson, Tenn.	1893–1895	2	1832	1895
Edward D. White, La.	1894–1910	16	1845	1921
Rufus W. Peckham, N. Y.	1895–1909	14	1838	1909
Joseph McKenna, Cal.	1898–	..	1843	....
Oliver W. Holmes, Mass.	1902–	..	1841	....
William R. Day, Ohio.	1903–	..	1849	....
William H. Moody, Mass.	1906–1910	4	1853	1917
Horace H. Lurton, Tenn.	1909–1914	5	1844	1914
Charles E. Hughes, N. Y.	1910–1916	6	1862	....
Willis Van Devanter, Wyo	1910–	..	1859	....
Joseph R. Lamar, Ga.	1910–1916	6	1857	1916
Edward D. White, La.	1910–1921	11	1845	1921
Mahlon Pitney, N. J.	1912–	..	1858	....
Jas. C. McReynolds, Tenn.	1914–	..	1862	....
Louis D. Brandeis, Mass.	1916–	..	1856	....
John H. Clarke, Ohio.	1916–	..	1857	....
William H. Taft, Conn.	1921–	..	1857	....

The jurisdiction of the Supreme Court extends to all cases in law and equity arising under the Constitution, the law of the United States, and treaties which are made under their authority; to all cases affecting ambassadors or other public min-

TABLE SHOWING DISTRICTS COMPRISING EACH JUDICIAL CIRCUIT, THE DISTRICT AND CIRCUIT JUDGES THEREIN, AND THE JUSTICES OF THE SUPREME COURT ASSIGNED THERETO.

Circuits and Districts	District Judges	Circuit Judges	Justices
FIRST CIRCUIT:			
Maine	Clarence Hale	Charles F. Johnson.	Oliver W. Holmes.
Massachusetts	James M. Morton, Jr.	George W. Anderson.	
New Hampshire	Edgar Aldrich	G. H. Bingham	
Rhode Island	Arthur L. Brown		
Porto Rico	P. J. Hamilton		
SECOND CIRCUIT:			
Connecticut	Edwin S. Thomas		
New York, northern	George W. Ray		
New York, southern	John C. Knox	Charles M. Hough	Louis D. Brandeis.
	Learned Hand	Martin T. Manton	
	Julius M. Mayer	Henry G. Ward	
	Augustus N. Hand	Henry Wade Rogers	
New York, eastern	Thomas Ives Chatfield		
New York, western	Edwin L. Garvin		
Vermont	John R. Hazel		
	Harland B. Howe		
THIRD CIRCUIT:			
Delaware	Hugh M. Morris		
New Jersey	John Rellstab	Joseph Buffington	Mahlon Pitney.
	Charles F. Lynch	Thomas G. Haight	
	J. Warren Davis	Victor B. Woolley	
Pennsylvania, eastern	J. Whitaker Thompson		
	Oliver B. Dickinson		
Pennsylvania, middle	Chas. B. Witmer		
Pennsylvania, western	Chas. P. Orr		
	W. H. Thomson		
FOURTH CIRCUIT:			
Maryland	John C. Rose		
North Carolina, eastern	Henry G. Connor		
North Carolina, western	Jas. Edmund Boyd		
South Carolina, eastern	Henry A. M. Smith	Jeter C. Pritchard	Edward D. White.
South Carolina, western	Henry H. Watkins	Charles A. Woods	
Virginia, eastern	Edmund Waddill, Jr.	Martin A. Knapp	
Virginia, western	Henry C. McDowell		
West Virginia, northern	Alston G. Dayton		
West Virginia, southern	Benjamin F. Keller		
FIFTH CIRCUIT:			
Alabama, northern	William I. Grubb		
Alabama, middle and northern	Henry D. Clayton		
Alabama, southern	Robert T. Ervin		
Florida, northern	Wm. B. Sheppard		
Florida, southern	Rhydon N. Call		
Georgia, northern	William T. Newman		
Georgia, southern	Samuel H. Sibley		James C. McReynolds
	Beverley D. Evans		
Louisiana, eastern	Rufus E. Foster	Richard W. Walker.	
Louisiana, western	George W. Jack		
Mississippi, northern and southern	E. R. Holmes		
Texas, northern	Edward R. Meek		
Texas, southern	John C. Hutchinson		
Texas, eastern	W. R. Smith		
Texas, western	DuVal West		
Canal Zone	John W. Hanan		
SIXTH CIRCUIT:			
Kentucky, eastern	A. M. J. Cochran		
Kentucky, western	Walter Evans		
Michigan, eastern	Arthur J. Tuttle		
Michigan, western	Clarence W. Sessions		
Ohio, northern	John M. Killits		William R. Day.
	D. C. Westenhaver	Loyal E. Knappen	
Ohio, southern	John E. Sater	Arthur C. Denison	
Tennessee, eastern and middle			
Tennessee, western	Edward T. Sanford		
	John E. McCall		
SEVENTH CIRCUIT:			
Illinois, northern	Kenesaw M. Landis		John H. Clarke.
	George A. Carpenter	Francis E. Baker	
Illinois, eastern	George W. English	Samuel Alschuler	
Illinois, southern	Louis Fitzhenry	George T. Page	
Indiana	Albert B. Anderson	Julian W. Mack	
Wisconsin, eastern	Ferdinand A. Geiger	Evan H. Evans	
Wisconsin, western	Arthur L. Sanborn		

Circuits and Districts	District Judges	Circuit Judges	Justices
EIGHTH CIRCUIT:			
Arkansas, eastern	Jacob Trieber		
Arkansas, western	Frank A. Youmans		
Colorado	Robert E. Lewis		
Iowa, northern	Henry Thomas Reed		
Iowa, southern	Martin J. Wade		
Kansas	John C. Pollock		
Minnesota	Page Morris		
	Wilbur F. Booth		
Missouri, eastern	David P. Dyer	Walter H. Sanborn	
Missouri, western	Arba S. Van Valkenburgh	William C. Hook	
		Kimbrough Stone	Willis Van Devanter
Nebraska	Joseph W. Woodrough	John E. Carland	
	Thomas C. Munger	Walter I. Smith	
New Mexico	Colin Neblett		
North Dakota	Charles F. Amidon		
Oklahoma, eastern	R. Z. Williams		
Oklahoma, western	John H. Cotteral		
South Dakota	James D. Elliott		
Utah	Tillman D. Johnson		
Wyoming	John A. Riner		
NINTH CIRCUIT:			
Arizona	William H. Sawtelle		
California, northern	William C. Van Fleet		
	Maurice T. Dooling		
California, southern	Oscar A. Trippett		
	Benjamin F. Bledsoe		
Idaho	Frank S. Dietrich		
Montana	George M. Bourquin		
Nevada	Edward S. Farrington		
Oregon	Charles E. Wolverton		
	Robert S. Bean	William B. Gilbert	
Washington, eastern	Frank H. Rudkin	Erskine M. Ross	
Washington, western	Edward E. Cushman		Joseph McKenna.
	Jeremiah Neterer	William W. Morrow	
ALASKA	Robert W. Jennings, Div. No. 1	William H. Hunt	
	Wm. A. Holzheimer, Div. No. 2		
	Frederick M. Brown, Div. No. 3		
	Charles E. Bunnell, Div. No. 4		
HAWAII	Horace W. Vaughan		
	Joseph B. Poindexter		

isters and consuls; to all admiralty and maritime cases; to controversies to which the United States is a party; to controversies between two or more states, between citizens of different states, between citizens of the same state, claiming lands under grants of different states, between a state and foreign states and between citizens of a state and foreign states, citizens or subjects. In all cases affecting ambassadors or other public ministers and consuls and those in which a state shall be a party the Supreme Court has original jurisdiction. In all the other cases aforementioned it has appellate jurisdiction both as to law and fact. The Supreme Court also has appellate jurisdiction over cases from the United States circuit courts where more than $2,500 is involved. (See Judiciary.)

In accordance with the provision of the Constitution establishing a Supreme Court and conferring upon Congress power to create inferior tribunals, a regular system of courts has been formed. The system at first adopted has not been changed in any essential manner. The latest change of importance was the creation of the Circuit Court of Appeals.

Circuit Courts.—The judiciary act of 1789 provides for United States circuit courts and district courts inferior to the Supreme Court. No provision having been made for circuit judges, the circuit courts up to 1869 were held by justices of the Supreme Court and district judges. In 1801 Congress passed a law providing for sixteen circuit judges, but it was repealed the following year. In 1869 special judges were provided for the circuit courts, and the New York circuit has since been given an additional one. Circuit courts were abolished at the close of December 31, 1911.

Circuit Court of Appeals.—Supreme Court cases having accumulated beyond the capacity of the court to consider them promptly, Congress March 3, 1891, provided for an additional circuit judge in each circuit and established circuit courts of appeals, to consist of the circuit judges of each circuit, the district judges therein, and the justice of the Supreme Court assigned thereto. Three judges make up the court, two constituting a quorum; but one or more of the district judges of the circuit may be called on by the court to make up a quorum. These circuit courts of appeals have final jurisdiction over appeals from the district and circuit courts except in questions of the jurisdiction of those courts and in constitutional, prize and capital cases.

The act to codify, revise and amend the laws relating to the judiciary, approved March 3, 1911, abolished the circuit courts of the United States as courts of original jurisdiction, transferred the functions of these courts to the Federal district courts and limited the duties of the circuit judges to service on the circuit courts of appeals. The act took effect Jan. 1, 1912. The circuit courts of appeals exercise appellate jurisdiction to review by appeal or writ of error final decisions in the district courts,

including the territorial courts of Alaska and the United States Court for China in all cases other than those in which appeals and writs of error may be taken to the Supreme Court, and, except as to the right of the Supreme Court to interfere through certiorari, the judgments and decrees of the Circuit Courts of Appeals are final in all cases in which the jurisdiction is dependent entirely upon the opposite parties to the suit being aliens and citizens of the United States or citizens of different states; in all cases arising under the patent laws, the copyright laws, the revenue laws, the criminal laws, and in admiralty cases.

The First Circuit consists of Maine, Massachusetts, New Hampshire, Rhode Island and Porto Rico.

Second—Connecticut, New York, Vermont.

Third—Delaware, New Jersey, Pennsylvania.

Fourth—Maryland, North Carolina, South Carolina, Virginia, West Virginia.

Fifth—Alabama, Florida, Georgia, Louisiana, Mississippi, Texas and Canal Zone.

Sixth—Kentucky, Michigan, Ohio, Tennessee.

Seventh—Illinois, Indiana, Wisconsin.

Eighth—Arkansas, Colorado, Oklahoma, Iowa, Kansas, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, South Dakota, Utah, Wyoming.

Ninth—Alaska, Arizona, California, Idaho, Montana, Nevada, Oregon, Washington, Hawaii.

District Courts.—District Courts are limited in jurisdiction to one state. Every state is a district and has at least one United States Court, while some have two or more. These are the admiralty and bankruptcy courts. They have jurisdiction in cases where an alien sues, and where the United States or an officer thereof or a foreign consul is a party. The district courts also have jurisdiction of such crimes as are not capital as the United States takes cognizance of. They have concurrent jurisdiction with the circuit courts or with the state courts where an alien sues for a tort in violation of a treaty. The classes of questions of which these courts take cognizance are determined by Congress. Originally each state constituted a district, but later some of the states were divided. There are now ninety-nine of these lowest grades of Federal courts.

The salary of a district judge is $7,500 annually and that of a circuit judge, $8,500. The appointments of federal judges are for life, except by resignation or removal under charges. The preceding table shows the district and circuit judges of the United States at a recent date.

Courts, Consular:
Jurisdiction of, 75, 78, 4654.
Of acting consuls and vice-consuls of United States in China, 2951.
Regulations for, 3111, 5388, 6590.
In China, 4675, 7069.
Japan, 4072, 4630.
Korea, 5675, 6939.
Recommended, 5368, 5471.
Reorganization of, recommended, 4923.

Courts, District. (See Courts, Federal.)

Courts, Federal:
Act regarding establishment of circuit courts of appeals and regulating jurisdiction of, vetoed, 5679.
Antiquated methods of, condemned, 8030.
Carelessness in preparing statutes, discussed, 7216.
Change in procedure of, recommended, 7026.
Circuit—
Allotment of justices of Supreme Court to, 3324, 3376.
Appeals from, recommendations regarding, 4939.
Extension of system of, recommended, 1024, 1121, 1168, 3250.
Resumption of authority of, in States where rebellion had existed recommended, 3556.
Correspondence regarding, transmitted, 3576.
Sessions of, altered, 249.
Transfer of original jurisdiction of, to district courts recommended, 4939.
Circuit courts of appeals—
Act regarding—
Discussed, 5968.
Vetoed, 5679.
Commissioners' jurisdiction to try misdemeanors urged, 4939, 5879, 6968.
Delays in, 6918.
District—
Act providing for trials in, vetoed, 496.
Transfer of original jurisdiction of circuit courts to, recommended, 4939.
English procedure superior to American, 7431.
Equity procedure in, changed, 7810.
Extension of jurisdiction of, recommended, 131.
Fee system as applicable to officials of, abolition of, discussed, 6161.
Recommended, 4939, 5879, 5968.
Modifications in system of, recommended, 4640, 4939.
Offenses against court officers should be made cognizable in, 5477, 5633.
Offenses against treaty rights of foreigners in United States should be made cognizable in, 5618.
Power of, over Executive Departments discussed, 1720.
Procedure in—
Commission to inquire into, appointment of, urged, 7431.
Equity, changed, 7810.
Reforms in, discussed and recommended, 7430, 7522.
Process of, should be uniform, 75.
Removal of cases from State courts to, restrictions on, recommended, 4939.

Removal of cases involving international obligations from State courts to, 1928, 1956.

Courts, Juvenile.—Separate courts for the trial of children charged with misdemeanors represent a gradual growth during the latter half of the nineteenth century, due to the awakening during that period of a new social conscience alert to the new problems presented by the new economic and industrial developments of that period.

The first stage in juvenile court history is the probation of the young offender, instead of his incarceration, through the recognition that there was much chance of reforming him and that his offense may have been committed through no evil intent. Massachusetts passed a law to that end in 1869. Indeed, even previously to that date there had been something of a movement to provide separate places of detention for children sentenced to confinement, due to the investigation of the horrible conditions prevailing in the prisons of that time; and the growth of a number of separate reform schools and other children's homes represents a second stage in the story of the juvenile courts.

The third stage was the recognition that the child needed a particular kind of study and treatment, other than that given to matured criminals; and that there should be a separate court and a trained children's judge. Under this conception, the child was treated as a ward of the state, rather than as an offender against it. In legal terms, the proceedings thus became those of the chancery court rather than those of the common law criminal court, the case now being that of the commonwealth *for* and not *against* the child, who was now to be redeemed or cured, and not punished except for his own good. The increasing knowledge of child psychology had shown that the child's world and the grown-up's world might be two entirely different spheres; and that the re-adjustment of the first so as not to disturb the second, and the re-adjustment of the second so as to understand the first were the vital reforms needed. In 1899, Illinois passed the first definite juvenile court legislation, although at first it was utilized to any extent only in Chicago; and this example was followed by Colorado in 1903.

The next step in juvenile court procedure was the passage in many states of contributory negligence laws, so as to make parents, guardians and even individuals generally responsible and legally liable if their conduct was such as to interfere with the best development of the child or to subject him to influences which would injure him. The juvenile court legislation was thus given real constructive legal authority and power. The next phase was the attack on the problem of dependency and proper guardianship of the child; and in these two phases, which really today merge into the phase of general social work for children, the child was brought into court for protection, not for wrong-doing.

The present movement is to extend the juvenile court into rural districts also, for today all cities of size have their separate juvenile courts, although many of them still have not adequate provision for a trained children's specialist to act as judge, nor for efficient probation officers to do the constructive social work in behalf of the children. In certain advanced courts there is also being done much psychopathic work and examination and experimenting in behalf of the children. Most juvenile courts are restricted to children under 16, but some place the age limit at 18.

Courts-Martial.—Military tribunals in the United States army are classified as courts-martial, courts of inquiry, and military commissions. Courts-martial are of four kinds—general, garrison, regimental and summary. A general court-martial may consist of any number of officers from five to thirteen and a judge-advocate. The President, any general officer, a colonel commanding a separate department, or the Superintendent of the Military Academy may order a court-martial. Garrison and regimental courts-martial are composed of three members and a judge-advocate. The summary court-martial is composed of one officer designated by the commanding officer of the post, camp or fort. This court cannot try officers, cadets or candidates for promotion. Courts-martial derive their existence from Congress and their jurisdiction is limited to maintaining military discipline.

Courts of inquiry may be demanded by an officer or soldier whose conduct is to be investigated. A court of inquiry consists of not to exceed three officers and a recorder. Military Commissions are for the trial of offenders against the laws of war.

Courts-Martial:

Civil courts must not be supplanted by, 8493.

In Army discussed, 4933.

Navy referred to, 892.

Regulations for government of, 5602, 6034.

Courts, Military, order in relation to trials by, 3638.

Courts of Appeals, Circuit. (See Courts, Federal.)

Courts, Provisional, in Louisiana, order regarding, 3323.

Courts, State:

Removal of cases from, to Federal courts, restriction on, recommended, 4939.

Removal of cases involving international obligations from, to Federal courts, 1928, 1956.

Covenant.—As used in diplomatic agreements the term refers to the promise of one contracting party to the other.

Covoda (N. Mex.), Battle of.—After Gen. Phil. Kearny had established the authority of the United States securely, as he thought, in New Mexico, he proceeded toward the Pacific, leaving small forces in the garrisons behind. Jan. 15, 1847, Governor Bent, Sheriff Elliott, and twenty others were murdered by insurgent Mexicans at San Fernando de Taos and seven others at Turley's, eight miles distant, in the valley of the Moro. Col. Sterling Price, who was in command at Santa Fé, learning of the uprising, Jan. 23 started for the scene with a force of about 400. He encountered a force of 1,500 at the village of Covoda, which he dispersed after a severe engagement.

Covode Investigation.—A committee of the House of the Thirty-sixth Congress was appointed, with John Covode, of Pennsylvania, as chairman, to investigate charges made by two Anti-Lecompton Democrats, who alleged that President Buchanan had

used corrupt influences to induce them to vote for the Lecompton bill. The investigating committee consisted of five members. The three Republicans voted to sustain the charges and the two Democrats to exonerate the president. No action was taken.

Covode Investigation, 3145, 3150.

Cowans Ford (N. C.), Battle of.—Feb. 1, 1781, Cornwallis, who had a second time invaded North Carolina, attempted to prevent the junction of Morgan's division of the American army with the main body under Gen. Greene. The Americans, pursued by the British, crossed the Catawba River at Cowans Ford. Gen. Davidson with 300 militia was left to oppose the crossing of Cornwallis. Davidson was killed and the militia scattered.

Cowpens (S. C.), Battle of.—One of the events following Gen. Greene's taking command of the Southern army in the Revolution, which decided the fate of the war in that quarter. Cornwallis, in command of the British army and in possession of South Carolina, meditated an invasion of North Carolina. Tarleton, with the advance guard of Cornwallis's army, consisting of about 1,100 men, pressed Morgan across the Pacolet, a branch of the Broad River, and back to the Cowpens, an extensive pasture ground on the Broad River about 2 miles south of the boundary line between the Carolinas. Morgan's force consisted of about 900 men. Jan. 17, 1781, Tarleton began the attack. The battle was well fought and displayed remarkable generalship on the part of Morgan. With his 900 men he surrounded and nearly annihilated Tarleton's 1,100, Tarleton and 270 men only escaping. The Americans lost but 12 killed and 61 wounded. Two standards, 100 horses, 35 wagons, 800 muskets, and 2 cannon were captured.

Coyote State.—A nickname for South Dakota, (q. v.). (See also States); sometimes also nicknamed Blizzard State.

Cracker State.—Alternative nickname for Georgia. (See Empire State of the South.)

Cradle of Liberty.—A name applied to Faneuil Hall, Boston, an old building used as a market house and place of public meeting from the early days of the settlement. It has been the scene of some of the most stirring appeals to patriotism by American citizens, particularly during and previous to the Revolutionary War. Upon being refused the use of Faneuil Hall for a meeting in March, 1850, Daniel Webster wrote: "I shall defer my visit to Faneuil Hall, the cradle of American liberty, until its doors shall fly open on golden hinges to lovers of Union as well as liberty." The appellation has since clung to the building.

Craney Island, Va.:
- British attack on, repulsed, 524.
- Evacuation of batteries on, referred to, 3313.

Crater Lake National Park. (See Parks, National.)

Credentials.—Papers accrediting an officer or other public servant, showing authority for action.

Crédit Mobilier.—A joint stock company originally chartered by the Pennsylvania legislature under the name of the Pennsylvania Fiscal Agency, with a capital of $2,500,000. The charter was purchased by a company having contracts for the construction of the Union Pacific Railroad. The value of the stock, which depended upon the liberality of the contracts made by Congress, rose to an enormous price and paid large dividends earned in the construction of the Union Pacific road. In the presidential election of 1872 the Democrats charged the speaker of the House of Representatives, the secretary of the treasury, the vice-president and the vice-president-elect with accepting Crédit Mobilier stock as an indirect bribe for political influence. An investigation followed, in which it was developed that several members of Congress were holders of this company's stock. One senator was recommended for expulsion, but as his term was about to expire no action was taken. Representatives Oakes Ames, of Massachusetts, and James Brooks, of New York, were censured by the House.

Credit, Public:
- Act to strengthen, referred to, 4415.
- Bank of United States attempts to impair, 1232.
- Discussed. (See Finances discussed.)
- Extension of, necessary to business, 7880.
- Facilities for, not afforded to farmers, 7870.
- Faith of nation must be preserved, 334, 2079.
- Foreign system of, in agriculture, commission to study, 7909.
- Indebtedness of States works injury to, 2061.
- In foreign markets, 8040.
- Lack of, causing agriculture to languish, 7908.
- Necessity for, in agriculture, 8018.
- On substantial resources needed, 7908.
- Provision for preservation of, recommended, 3073.
- "Strength and security of Government rest upon," 212.
- State of, 73, 76-7, 95, 122, 124, 159, 162, 169, 228, 297, 317, 463, 549.
- Support of, provision for, recommended, 58, 60, 61, 228, 2060, 2079, 2118, 3073.
- System of, should not be left unfinished, 159.

Credit System discussed by President Van Buren, 1541.

Creditors, Government, payment of, in depreciated currency referred to, 1777, 1806, 1807, 1808, 1810.

Creek Indian War.—Tecumseh, the ambitious Shawnee chief, and his brother, the Prophet, in their efforts to work up a conspiracy of all the North American Indians against the United States, joined with the British in the War of 1812. Tecumseh was defeated by Harrison at Tippecanoe and was killed in the battle of the Thames, Oct. 5, 1813, but his schemes agitated and divided the Creek Nation. Weathersford, or Red Eagle, became so troublesome as the leader of the war faction that bodies of militia were sent against him from Tennessee and Georgia. The first serious out-

break of the Creeks was the massacre of the garrison and refugees at Fort Mines, Aug. 30, 1813. As a result, Alabama was almost abandoned by whites. Self-protection and a desire for revenge took possession of the people of Georgia and Tennessee. Gen. Jackson entered the field at the head of the Tennessee militia. Gen. Floyd led the Georgians to avenge the massacre, and Gen. Claibourne was acting at the head of troops from Louisiana and Mississippi. The war received its death blow at the hands of Jackson at Horse Shoe Bend, March 27, 1814. It lasted only 7 months. Taken alone it was of minor importance, but considered in connection with the War of 1812 it had an important bearing. With the subjugation of the Creeks perished all hope of Indian aid in the Southwest for the proposed occupation of the Mississippi Valley.

Creek Indians. (See Indian Tribes.)

Creole Case.—During the passage of the brig *Creole* from Hampton Roads to New Orleans with a cargo of slaves, in November, 1841, some of the negroes rose against the officers of the vessel, killed one of the owners, and ran the vessel into Nassau, New Providence. All were here set at liberty by the English authorities except those charged with murder. Great Britain refused to surrender them on demand of the United States (1944), but the matter was finally settled by a treaty in 1842. During the negotiations for this treaty resolutions embodying the principles of the Anti-Slavery party were offered in Congress by Joshua R. Giddings, of Ohio. He was censured by the House and thereupon resigned. Returning to Ohio he was reelected by a large majority, with instructions to present the resolutions again.

Creole State.—Alternative nickname for Louisiana. (See Pelican State.)

Creole, The, liberation of cargo of slaves on, at Nassau, New Providence, 1944, 1954.

Crescent City, The, not allowed to land passengers and mail at Havana, Cuba, 2770.

Crete.—An island in the Mediterranean, southeast of Greece. It was under the suzerainty of Turkey until 1913, when as a result of the defeat of Turkey in the Balkan Wars of 1912-3, it became a part of Greece. However, Crete, or Candia, is self-governing. The greater part of the population is composed of Greeks and the language is Greek. The area of the island is 3,327 square miles, and the population is about 375,000. The chief products of Crete are wheat, fruit and olive oil.

Crete:

Resolution of Congress declaring sympathy for suffering people of, referred to, 3891.

Revolution in, referred to, 3660.

Crime, international convention for suppression of, 4115.

Crimes and Misdemeanors:

Abduction of foreigners claiming protection of United States should be made a crime, 2550.

Convictions, executions, and pardons for capital offenses referred to, 991.

Degrees in crime of murder should be recognized, 5755, 5880, 5968.

Limitation upon right in felony cases to review by Supreme Court recommended, 5632, 5880.

Trial of misdemeanors by United States commissioners recommended, 4939, 5879, 5968.

Criminal Code, revision of, recommended, 561, 2550, 2672.

Criminal Law, abuse of administration of, referred to, 4940, 5879, 7003.

Criminals. (See Fugitive Criminals.)

Criminals, Foreign, introduction of, into United States referred to, 2368, 4588.

Cristóbol Colón, The, mentioned, 6317.

Crittenden Compromise.—This was one of the numerous schemes to compromise the slavery question on a peaceful basis. John J. Crittenden was a Senator from Kentucky and tried to harmonize North and South on the slavery question. He hoped to evade the impending war by proposing in 1860 a constitutional amendment which should divide the United States into slaveholding and nonslaveholding portions. He proposed dividing the two sections by the parallel of 36° 30′, the United States to pay the owner for every fugitive slave captured. The proposition, which included other compromise measures, was never submitted to the states.

Croatians. (See Jugo Slavs.)

Crook, U. S. Transport, collision of, 6935.

Crop Estimates, Bureau of.—This bureau of the Department of Agriculture is the successor of the old Bureau of Statistics. The latter had for many years been the chief statistical office of the Federal Government, but gradually its special duties were transferred to other departments or bureaus where they more appropriately belonged, leaving it little more than the agricultural forecasts. Then the name was changed to Bureau of Crop Estimates. As successor of the Bureau of Statistics it collects and digests reports of agricultural production; the area annually sown to each of the leading crops, their condition on the first day of each month, the quantitative results at the close of each crop year, and the estimated farm value December 1. Besides this regular work the bureau collects periodical information on minor crops of importance, meadows and pastures and the principal foreign crops. The stock of corn, wheat and oats on United States farms at certain regular fixed dates is estimated, with the proportion shipped out of the country where grown; the number and value by species of animals on United States farms at the beginning of each year, and the annual losses from diseases and exposure; also the annual clip of wool and average weight of fleeces by States and territories. It also computes the world's production of the chief crops by countries, and the prices of principal agricultural products in various United States markets.

Especially qualified field forecast agents and crop specialists are employed who spend their entire time investigating actual crop conditions within their territories. By cooperation with the Weather Bureau and the Post-Office Department the information gathered is placed promptly in the hands of newspapers, farmers and shipping men.

Crop of 1910, value and effect of, on business conditions, 7536.

Crops, money to move, deposited by Treasury Department, 7909. (See also Agriculture.)

Crop Values. (See Agricultural Products.)

Cross Keys (Va.), Battle of.—During Stonewall Jackson's movement up the Shenandoah Valley in the summer of 1862 Generals Frémont and Shields were both on the alert to capture him. Frémont reached Strasburg June 1, just after Jackson had passed through. At Port Republic the Shenandoah River divides, and on the larger of the two branches, at a village known as Cross Keys, Frémont brought Ewell's division of Jackson's army to bay June 8. A slight skirmish ensued and Ewell retired during the night. Jackson soon after effected a junction with Gen. Lee, and together they fought the battles around Richmond.

Crow Creek Indians. (See Indian Tribes.)

Crow Creek Reservation. (See Sioux Reservation.)

Crow Indians. (See Indian Tribes.)

Crow Reservation, Mont., opened to settlement by proclamation, 5727.

Crown Point (N. Y.), Capture of.—Immediately after the capture of Ticonderoga, May 12, 1775, Col. Seth Warner, with a small detachment of men, proceeded to Crown Point, on Lake Champlain, about 90 miles north of Albany. The place was strongly fortified and mounted 114 cannon, but was garrisoned by only 12 men. These were captured and the fort manned by Warner's men.

Cruise of the Battleship Fleet.—The most notable achievement of the Navy in time of peace was the voyage of the battleship fleet. This proved an epoch-making cruise, the longest ever undertaken by such a number of battleships, and enlisted the interested attention of the naval world.

Late in the spring of 1907 it was decided to send the Atlantic Fleet on a practice cruise to the Pacific, and in August of that year the final arrangements were determined upon.

The fleet sailed from Hampton Roads Dec. 16, 1907, after a review by the President, and made the passage to various ports for coaling and incidental stops at points in South America; engaged in target practice upon arrival at Magdalena Bay, Mexico, arranged by permission of the Mexican government; and reached San Francisco, May 1, 1908, without a single mishap to mar the voyage.

The fleet consisted of sixteen battleships, six torpedo boats, four auxiliaries. The number of men in the crews aggregated 15,000. The length of the cruise was 13,772 miles, and the duration of the voyage was 135 days.

After visits to Honolulu and Manila the fleet set sail for home, leaving Manila Dec. 1, and arrived at Suez Jan. 1, 1909. The itinerary included passage through Suez Canal, and coaling at Port Said.

The following was the itinerary after passing into the Mediterranean: *Connecticut* and *Vermont*, arrive Villefranche, Jan. 14, leave Jan. 27; *Minnesota* and *Kansas*, arrive Marseilles Jan. 14, leave Jan. 27; *Georgia*, *Nebraska* and *Kentucky*, arrive Genoa Jan. 15, leave Jan. 27; *Rhode Island* and *New Jersey*, arrive Leghorn Jan. 15, leave Jan. 27; *Louisiana* and *Virginia* arrive Malta Jan. 15, leave Jan. 19; *Louisiana* and *Virginia* arrive Algiers Jan. 22, leave Jan. 30; *Ohio* and *Missouri* arrive Athens Jan. 13, leave Jan. 25; *Wisconsin*, *Illinois* and *Kearsarge*, arrive Naples Jan. 17, leave Jan. 27. After leaving the above ports—First Division arrive Negro Bay Jan. 31, leave Feb. 3; First Division, arrive Gibraltar Feb. 3, leave Feb. 6; Second, Third and Fourth Divisions, arrive Negro Bay Feb. 1, leave Feb. 1; fleet reassemble off Gibraltar and proceed to United States, arrive Feb. 22, 1909, at Hampton Roads, Virginia.

When the purpose of giving this assemblage of battleships the privileges and advantages of a practice cruise, under such severe conditions, was announced, criticism from high technical quarters was heard. It was suggested that the undertaking was too monumental; that a battleship is too vast and complicated a piece of mechanism to send around the globe on an ordinary occasion; that dangers more than multiplied with numbers in such a case; that disaster lurked on every submerged ledge and was borne on every unknown tidal current; that the skeletons of some of the ships would doubtless be left in the Straits of Magellan; that, if the fleet should succeed in rounding South America, it was reasonably certain that the individual ships would, one by one, arrive with machineries loose and almost unserviceable, with crews reflecting the demoralized condition of the matériel, and that a woeful spectacle of failure would thus be presented.

As to the matériel, the cold facts are that the ships practically took care of their own repairs on the cruise. The repair lists turned in at the United States naval station at Cavite, P. I., were significant, since they substantially showed what was needed after the voyage to the eastern borders of the Pacific by way of Australia and Japan, and they were negligible. The performance of the *Oregon* in 1898 was substantially repeated.

With respect to its effect upon the discipline of the men, this was highly beneficial. Too much cannot be said of the magnificent conduct of the enlisted personnel throughout the history of the voyage and in the presence of an unprecedented succession of entertainments and shore hospitalities. The occasion brought to the front that element of greatest strength in our navy—the personal characteristics of the enlisted force. The tact, ability and mastership of their profession shown by the officers, from the lowest to the highest, is likewise worthy of earnest commendation.

The result was to give us an opportunity to get better acquainted with the republics to the south of us; with our own island possessions; with the new and vigorous branch of the British Empire in Australia; and, particularly, with Japan; and it has afforded the people living in those countries a better opportunity to get acquainted with us. It has been everywhere, in the South American countries and most notably in Australia and Japan, understood and accepted, as it was intended, as the reaching out of a strong hand in friendly greeting on the part of America; and the cordial and enthusiastic hospitality extended to our fleet will no doubt be long remembered and has, unquestionably, exerted a powerful reflex influence on feeling in this country. Between the United States and every coun-

try visited there is a feeling of deeper interest and friendship than existed before the fleet sailed. Our own Pacific coast and island possessions have been placed in sight and touch with the strength of the nation.

Whatever may be said in technical criticism of the navy, the American people, to whom the ships belong and who paid for them, know, as the result of this extended cruise, at least, that the vessels will float; that their officers and men can handle them; and, so far as actual tests in time of peace can show, that the ships and the men are fit in every particular for any duty.

See illustration opposite 6453.

Cruise of the Battleship Fleet, discussed by President Roosevelt, 7115.

Cuartel Lot, survey and disposal of land known as, discussed, 5504.

Cuba.—Cuba is the largest island of the "West Indies," and extends in the shape of an irregular crescent at the entrance of the Gulf of Mexico, which the western horn divides into the Florida Channel on the north and the Yucatan Channel on the south. The western extremity (Cape San Antonio) is in 84° 57′ W. longitude, and the easternmost point (Cape Maisi) in 74° 7′ W. longitude. The most northerly point, close to Havana, is 93 miles distant from Key West on the Florida coast in 23° 13′ N. latitude, while Cape Santa Cruz, the inner extremity of the eastern horn and the most southerly point of the island, extends to 19° 48′ N. latitude, and is about 80 miles north of the Jamaican coast. Cape Maisi, at the outer extremity of the eastern horn, is 50 miles distant from the west coast of Haiti, and about 55 miles southwest of the nearest island of the Bahama group. The total length of the island is about 750 miles, its average width being about 50 miles, with a maximum of 160 and a minimum of 23 miles. There are many dependent islands, of which the Isle of Pines in the Archipelago de los Canarreos (inside the western horn of the main island) is by far the largest, with an estimated area of nearly 1,200 square miles.

Physical Features and Climate.—The island is distinctly mountainous, with a cross range in the southeast and central groups from end to end of the island. Some of the finest harbors in the world are situated both north and south of the island.

The rivers of Cuba are generally short and tempestuous. The only river of any length is the Cauto, about 250 miles from its source in the Sierra Maestra to its outflow into the Caribbean Sea. The Sagua la Grande is also navigable for about 20 miles.

Cuba lies entirely within the tropical zone, and possesses a dry season from November to April and a wet season for the remaining half year. The climate is equable with a high mean temperature, the range being between the winter and summer means of 70°-80° F. In the months of October and November the island is liable to severe and destructive hurricanes. Yellow fever has ceased to be a scourge since the preventive action of the United States army of occupation after the Spanish-American War. Smallpox has been similarly stamped out by sanitary education, but consumption is still prevalent. The hygienic conditions of the whole island have been almost miraculously improved since the intervention of the United States.

History.—The island of Cuba was visited by Christopher Columbus, during his first voyage, on Oct. 27, 1492, and was then believed to be part of the western mainland of India. Early in the sixteenth century the island was conquered by the Spaniards, to be used later as a base of operations for the conquest of Mexico and Central America, and for almost four centuries Cuba remained under a Spanish Captain-General. The slave trade was abolished early in the nineteenth century and the slaves were emancipated from 1880-1886. The government of Spain was marked by a generally corrupt administration, complicated by internal unrest fomented by external influences, and the various attempts at independence met with severe military repression. The separatist and autonomous agitation culminated in the closing years of the nineteenth century in a fierce and bloodthirsty war, and although a conciliatory movement was evinced by the Madrid authorities in 1897, the struggle was continued by the party of separation in the island. (See opposite 4008 and 5227.) In 1898 the government of the United States put into execution of threat of interference by the dispatch of the battleship *Maine* to Havana harbor, and in February of that year the vessel was sunk by an explosion the cause of which appears likely to remain an unsolved mystery. On April 20, 1898, the United States Government demanded the evacuation of Cuba by the Spanish forces, and a short Spanish-American war led to the abandonment of the island, which was occupied by United States troops. From Jan. 1, 1899, to May 20, 1902, Cuba was under United States military rule, and reforms of the widest and most far-reaching character were instituted. On May 20, 1902, an autonomous government was inaugurated with an elected President, and a legislature of two houses. The island was, however, again the prey of revolution from July to September, 1906, when the United States Government resumed control. On Jan. 28, 1909, a republican government was again inaugurated.

AREA AND POPULATION

Provinces and Capitals	Area in English Sq. Miles	Population
Camaguey (Puerto Principe)	10,076	193,201
Havana (Havana)	3,174	688,057
Matanzas (Matanzas)	3,260	280,353
Oriente (Santiago)	14,227	604,530
Pinar del Rio (Pinar del Rio)	5,212	269,166
Santa Clara (Santa Clara)	8,266	595,229
Total	44,215	2,627,536

Nearly 60 per cent. of the inhabitants are of Spanish descent, the colored races numbering about 30 per cent. (including mixed blood), foreign-born whites 10 per cent. and Chinese barely 0.5 per cent. Slavery was abolished in 1886, and the colored races are increasing equally with the whites. There is little racial antagonism.

Government.—The government is that of a centralized republic, with a President, Vice-President, and nominated Cabinet, and a legislature of two houses. The President is elected by indirect vote for four years, and is ineligible for more than two consecutive terms.

Congress consists of a Senate and a House of Representatives. The Senate contains twenty-four members (four from each province) elected by indirect vote for

eight years and retiring by halves every four years. The House of Representatives has one hundred fourteen members (one for each 25,000 inhabitants) elected for four years by direct vote of all male citizens aged twenty-one years and half renewed every two years. Five years' residence qualified for naturalization and the franchise.

The six provinces contain an elective governor and assembly, with wide powers of self-government, but financial autonomy is restricted by the economic clauses of the treaty with the United States, which aim at development within the financial resources of the island. The smaller administrative unit is the municipality with elective councils and mayors (alcaldes), their jurisdiction frequently extending over a wide rural territory.

Justice is administered by courts of first instance in the municipal areas, and their contiguous rural territories, with superior courts in each province and a supreme court at Havana.

The external relations of Cuba are regulated by the protection of the United States in the case of any attempt to interfere with the independence of the island. The armed forces are therefore directed to the preservation of internal order. There is a mounted gendarmerie of 5,000 men known as the guardia rural.

Education.—A great impetus was given to education by the United States occupation of 1899-1902 and elementary schools were established in every municipality. Primary education is compulsory and free and about 82 per cent. of attendance is secured. Illiteracy is about 30 per cent, but is decreasing through the operation of a compulsory school attendance law. Latest figures show 2,686 public schools with 4,931 teachers, and an enrollment of 149,013 boys and 140,679 girls. The average attendance is 183,947. The government maintains six secondary schools, one in each province, total enrollment, 2,000; and there is in Havana a state university, with an enrollment of 1,400, containing schools of law, medicine and pharmacy.

Finance.—The revenue and expenditure of Cuba for recent years are stated as follows:

Year	*Revenue*	*Expenditure*
1907-8	$24,447,657	$22,377,168
1909-10	33,824,746	31,070,409
1915-6	40,000,000	37,500,000
1918-9	62,650,000	51,350,000

More than half the revenue is derived from customs.

Debt.—By treaty with the United States Cuba has undertaken "not to borrow more than she can pay," and the total debt, including the obligations of the revolutionary junta, amounts to less than two years' income. The debt was of the following description at latest reports:

Foreign—	
5% bonds of 1904	$28,808,000
4½% bonds of 1909	16,500,000
5% bonds of 1914	10,000,000
Internal (5%)	10,615,400
Total	$65,923,400

Production and Industry.—Of the total area (about 28,000,000 acres) less than 1,000,000 acres are cultivated, but much of the remaining surface is dense forest, marsh or pastoral savannah. More than half the cultivated area is under sugar cane and about 30 per cent. under tobacco, sweet potatoes and bananas in equal proportions. Rice, coffee, cocoa and Indian corn are grown and many tropical fruits (oranges, coco-nuts, pineapples, etc.) are cultivated. The sugar crop is increasing and amounted in 1911 to nearly 2,000,000 tons. Agricultural conditions are still very primitive. Forestry is much neglected, although mahogany is exported and cedar used in the boxing of tobacco.

Iron, copper and manganese are plentiful and are easily worked. The principal mining districts are in Oriente province, where the Sierra Maestra was for centuries the largest copper-producing center in the world. Of non-metallic minerals petroleum and asphalt are found, and the former is exploited to some extent. Almost the whole mineral output is sent to the United States.

The only manufactures of any importance are connected with the tobacco and sugar-cane industries, cigars and cigarettes being made in great quantities in the capital, and sugar, rum and whisky in the neighborhood of the plantations.

The most recent reports indicate 4,000,000 cattle; 800,000 horses; and 70,000 mules.

In 1916-7, the cane sugar crop was reported at 3,023,720 and the growth of sugar production may be gauged from the fact that the latest figures for the annual sugar production are 4,300,000 tons. The total area of the sugar plantations is above 1,600,000 acres, and there are more than 225 sugar mills.

The other chief product of Cuba is tobacco, the value of the exports of tobacco being well above $35,000,000 annually. Rice-growing has been prosecuted of late years and there are considerable exports of pineapples, cocoanuts, bananas and citrous fruits.

Although the forest lands are abundant (including 1,250,000 acres of state lands), forestry is still neglected. Cedar is locally used for cigar-boxes and much mahogany is exported, along with varieties of hard woods. The iron mines employ some 4,000 workmen and export some 600,000 tons of ore annually to the United States. There are deposits of gold and asphalt which are not worked.

Trade.—The imports and exports of merchandise for some recent years have been as follows:

Year	*Imports*	*Exports*
1908	$ 86,368,767	$185,217,858
1912	125,902,241	298,880,569
1914	119,001,410	177,553,954
1916	201,024,000	336,801,000
1918	302,624,000	379,784,000

The latest figures show imports of $261,377,000 and exports of $357,000,000. Most of the trade is with the United States, although of recent years the exports to the United Kingdom have been about 25 per cent of the exports to the United States.

The principal exports are sugar, 80 per cent., and tobacco; the imports are mainly machinery, foodstuffs and textiles.

Communications.—Latest figures show 2,390 miles of railway and 1,235 miles of wagon road open to traffic. There are more than 700 post-offices and 240 telegraph offices.

In the foreign trade, some 5,550 vessels enter Cuban ports yearly, representing a tonnage of more than 8,000,000.

The principal harbors are Havana, Matanzas, Cardenas, Bahia Honda, Neuvitas and Nipe on the north coast, and on the

south Santiago, Cienfuegos and Guantanamo.

Cities.—Capital, Havana, on the northern coast almost due south of Key West, Fla., from which it is distant ninety-three miles, is the largest city and principal commercial center of the West Indies. Its Spanish name is San Cristobal de la Habaña.

Latest figures give the population of the chief towns as follows:

Havana	361,000
Santiago de Cuba	63,000
Camaguey	93,000
Matanzas	56,000
Cárdeñas	33,000
Cienfuegos	82,000
Santa Clara	58,000
Sancti Spíritus	59,000
Guantánamo	60,000
Pinar del Rio	52,000
Manzanillo	63,000

The Metric System of Weights and Measures is in general use. The standard of currency is the peso, whose value is that of the American dollar, and the remainder of the currency is based on the model of the United States money, which is still legal tender in Cuba.

The most recent figures show the annual United States imports from Cuba as of a value of $418,610,000 and exports to Cuba goods to the value of $278,391,000.

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Cuba, Treaties with.—By a commercial convention concluded with Cuba Dec. 11, 1902, all Cuban merchandise imported into the United States shall be admitted at a reduction of 20 per cent in the rate of duty on said articles and reciprocally all produce of the soil or industry of the United States shall be admitted into the Republic of Cuba at a reduction of 20 per cent of the rate of duty prescribed for such products by the Republic of Cuba. It is further provided that certain articles of merchandise of the United States shall be admitted to Cuba at further reductions as follows:

To be admitted at a reduction of 25 per cent: Machinery and apparatus of copper or its alloys or machines and apparatus in which copper or its alloys enter as the component of chief value; cast iron, wrought iron and steel, and manufactures thereof; of crystal and glass, except window glass; ships and water borne vessels of all kinds, of iron or steel; whiskies and brandies, fish, salted, pickled, smoked or marinated; fish or shellfish, preserved in oil or otherwise in tins; certain articles of pottery or earthenware.

To be admitted at a reduction of 30 per cent: Butter; flour of wheat; corn; flour of corn or corn meal; chemical and pharmaceutical products and simple drugs; malt liquors in bottles; non-alcoholic beverages; cider; mineral waters, colors and dyes; window glass; complete or partly made up articles of hemp, flax, pita, jute, henequen, ramie, and other specified vegetable fibers; musical instruments; writing and printing paper, except for newspapers; cotton and manufactures thereof, except knitted goods; all articles of cutlery; boots, shoes and slippers; gold and silver plated ware; drawings, photographs, engravings, lithographs, cromolithographs, oleographs, etc., printed from stone, zinc, aluminium, or other material, used as labels, flaps, bands and wrappers for tobacco or other purposes, and all the other papers (except paper for cigarettes, and excepting maps and charts), pasteboard and manufactures thereof, common or ordinary soaps, vegetables, pickled or preserved in any manner; and nearly all wines.

To be admitted at a reduction of 40 per cent: Manufactures of cotton, knitted, and all manufactures of cotton not included in the preceding schedules; cheese; fruits, preserved; paper pulp; perfumery and essences; certain articles of pottery and earthenware; porcelain; soaps, other than common; umbrellas and parasols; dextrine and glucose; watches; wool and manufactures thereof; silk and manufactures thereof; rice; cattle.

It is agreed that the tobacco, in any form, of the United States or of any of its insular possessions, shall not enjoy the benefit of any concession or rebate of duty when imported into the Republic of Cuba.

Coaling and Naval Stations.—By an agreement entered into in 1903 the United States leases from the island of Cuba for $2,000 per annum land and water for coaling and naval stations at Guantanamo and Bahia Honda.

Political Relations.—In fulfillment of the declaration contained in the joint resolution of April 20, 1898, "for the recognition of the independence of the people of Cuba, demanding that the Government of Spain relinquish its authority and government in the island of Cuba, and to withdraw its land and naval forces from Cuba and Cuban waters, and directing the President of the United States to use the land and naval forces of the United States to carry these resolutions into effect," the President is hereby authorized to "leave the government and control of the island of Cuba to its people" so soon as a government shall have been established in said island under a constitution which, either as a part thereof or in an ordinance appended thereto, shall define the future relations of the United States with Cuba, the several conditions were enacted into a permanent treaty substantially as follows:

That the government of Cuba shall never enter into any treaty or other compact with any foreign power or powers which will impair or tend to impair the independence of Cuba, nor in any manner authorize or permit any foreign power or powers to obtain by colonization or for military or naval purposes or otherwise, lodgment in or control over any portion of said island.

That said government shall not assume or contract any public debt, to pay the interest upon which, and to make reasonable sinking fund provision for the ultimate discharge of which, the ordinary revenues of the island, after defraying the current expenses of government shall be inadequate.

That the government of Cuba consents that the United States may exercise the right to intervene for the preservation of Cuban independence, the maintenance of a government adequate for the protection of life, property, and individual liberty, and for discharging the obligations with respect to Cuba imposed by the treaty of Paris on the United States, now to be assumed and undertaken by the government of Cuba.

That all Acts of the United States in Cuba during its military occupancy thereof are ratified and validated, and all lawful rights acquired thereunder shall be maintained and protected.

That the government of Cuba will execute, and as far as necessary extend, the plans already devised or other plans to be mutually agreed upon, for the sanitation of the cities of the island, to the end that a recurrence of epidemic and infectious diseases may be prevented, thereby assuring protection to the people and commerce of Cuba, as well as to the commerce of the southern ports of the United States and the people residing therein.

That the Isle of Pines shall be omitted from the proposed constitutional boundaries

of Cuba, the title thereto being left to future adjustment by treaty.

That to enable the United States to maintain the independence of Cuba, and to protect the people thereof, as well as for its own defense, the government of Cuba will sell or lease to the United States lands necessary for coaling or naval stations at certain specified points to be agreed upon with the President of the United States.

That by way of further assurance the government of Cuba will embody the foregoing provisions in a permanent treaty with the United States. This treaty was concluded May 22, 1903, and proclaimed by the President July 2, 1904.

Cuba also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington July 29, 1914. (See South and Central America, Treaties with.)

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Cumberland Road.—A national highway authorized by Congress and constructed at the expense of the General Government. Appropriations for the purpose of building and maintaining this road were opposed by various presidents and members of Congress on the ground that Federal aid to local internal improvements was unconstitutional. March 29, 1806, the president was authorized to appoint three commissioners to lay out a road from Cumberland, on the Potomac, to the Ohio River, and $30,000 was appropriated for that purpose (406). The road was extended from time to time, reaching Illinois in 1838, when it was superseded by railways. The total amount appropriated was $6,821,246. President Monroe vetoed a bill for the repair of the road May 4, 1822 (711). This highway was also called the National road. (See also Internal Improvements.)

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Curacao.—A Dutch colony in the West Indies, comprising the islands of Curaçao (210 sq. mi.), Bonaire (95 sq. mi.), Aruba (69 sq. mi.), the southern end (17 sq. mi.) of St. Martin, St. Eustache (7 sq. mi.) and Saba (5 sq. mi.). The total population is in the neighborhood of 60,000, but about 60 per cent of it is on Curaçao. The chief products are maize, beans, pulse, cattle, salt and phosphate of lime. The chief industry is oil-refining. Latest figures show that 3,775 vessels of 1,325,000 tons visit the islands annually. The islands are governed by a Governor, an inner council of four and a colonial council of eleven, all appointed by the Crown. The trade is almost entirely with the United States—it consists annually of exports of some $1,200,000 and imports of some $2,800,000.

Currency Laws.—Strictly speaking, any medium of exchange that is current, or everywhere received as money, is currency, whether it be coin or paper. The term has, however, come to be applied in the United States exclusively to paper money. The paper money of this country is of four kinds: first, legal tender notes; second, national bank notes; third, gold certificates; fourth, silver certificates.

Legal Tender Notes.—The legal tender notes of the United States are bills issued merely on the credit of the government and originally constituted a sort of a forced loan based on the promise of the government to pay the face value upon demand, but the legal tender quality given them by Congress made payment in similar notes possible and legal. (See Fiat Money.) The acts of 1875 and 1882, however, direct the Treasurer of the United States to hold $100,000,000 as a reserve for their redemption. There were outstanding on September 1, 1865, $432,553,000 of legal tender notes. This was reduced to $346,681,016 by January 1, 1879, at which amount it has since legally remained. There are now actually outstanding $337,923,706. These notes are issued in denominations of one, two, five, ten, twenty, fifty, one hundred, five hundred, one thousand, five thousand and ten thousand dollars. Previous to 1879 (when specie payments were resumed) bills for fractions of a dollar, fractional currency as it was called, were issued. The legal tender notes were issued by the government during the war as a means of raising revenue, and the issue was generally regarded merely as a war measure, but the Supreme Court has declared their issue constitutional and legal, though issued in time of peace.

National Bank Notes.—The national bank notes are issued by the national banks and guaranteed by the government, the banks depositing United States bonds as security. (See Banks, National.)

Coin Certificates.—Gold and silver certificates are issued by the government against deposits of gold and silver coin, and are exchangeable for the coin on demand. The treasury holds the coin so deposited as a trust fund. The certificates represent the coin and are used in preference to it merely because of greater convenience in handling.

"Lawful money" includes gold coin, silver dollars, United States notes and Treasury notes. United States notes are by regulation receivable for customs so long as they

Details concerning the notes which are legal tender are given in the table below:

	Gold Certificates	Silver Certificates	United States Notes	Treasury Notes of 1890	National Bank Notes
Limit of issue...	Unlimited for gold coin unless gold reserve falls below $100,000,000.	Amount of silver dollars coined, $562,173,530.	$346,681,016.	No further issues; volume steadily diminishing by redemption in silver dollars.	Not to exceed capital of banks.
Denominations..	$10,000, $5,000, $1,000, $500, $100, $50, $20, $10.	$100, $50, $20, $10, $5, $2, $1.	$1,000, $500, $100, $50, $20, $10, $5, $2, $1.	$1,000, $500, $100, $50, $20, $10, $5, $2, $1.	$1,000, $500, $100 $50, $20, $10, $5.
Legal tender....	Not a tender.	Not a tender.	For all debts, public and private, except customs and interest on public debt.	Unlimited, unless otherwise contracted.	Not a tender.
Receivable.....	For all public dues.	For all public dues.	For all public dues.	For all public dues.	For all public dues except customs.
Exchangeable...	For subsidiary and minor coin.	For silver and minor coin.	For subsidiary and minor coin.	For silver and minor coin.	For subsidiary silver and minor coin.
Redeemable....	In gold coin at the Treasury.	In silver dollars at the Treasury.	In gold at the Treasury.	In gold at the Treasury.	In "lawful money" at the Treasury, or at bank of issue.

In addition to the notes described above, there are two classes of Federal Reserve Notes which are not accepted as legal tender, namely:

Federal Reserve Bank Notes.—No limit of issue except by the security required and by the discretion of the Federal Reserve Board; denominations, $1, $2, $5, $10, $20, $50, $100, $500, $1,000; receivable for all public dues except customs; redeemable in gold at the Treasury and in gold or "lawful money" at any Federal Reserve Bank.

Federal Reserve Notes.—Limit of issue same as above; denominations, $5, $10, $20, $50, $100, $500, $1,000, $5,000, $10,000; receivable for all public dues; redeemable as the Federal Reserve Bank Notes

In 1919, the currency in circulation in the United States was as follows:

Gold Coin	$ 984,924,231[1]
Gold Certificates[2]	630,738,364
Standard Silver Dollars	81,165,206
Silver Certificates[4]	216,103,387
Subsidiary Coin	231,455,148
Treasury Notes[5]	1,779,240
United States Notes[6]	333,814,578
Federal Reserve Notes	2,745,284,532
Federal Reserve Bank Notes.	136,643,850
National Bank Notes[3]	661,139,198
Total	5,753,047,734

[1] Including $474,574,841 in the Federal Reserve Bank Gold Settlement Fund deposited with the Treasurer of the United States. [2] Law of March 3, 1863. [3] Includes additional notes under Acts of 1908, 1913 and 1914. [4] Bland Act of 1878. [5] Sherman Act of 1890. [6] Greenbacks of 1862 and 1863.

In addition to the above total, there was in the Treasury money to the value of $545,695,945. The total amount of money in the United States was $7,566,-299,924.

continue redeemable in coin. There are still in use small amounts of $1 and $2 national bank notes; also $500 and $1,000 silver certificates. Treasury notes were issued for purchases of silver bullion, which was coined into dollars wherewith the notes are being redeemed as rapidly as practicable. The issue of national bank notes is practically dependent upon the market price of United States bonds. When the premium is high it is not profitable to issue notes.

Financial Panics.—When payments fall due and loans are called, demands are made on the principal money centres for currency with which to cancel obligations, interest rates are advanced by those holding currency and a panic ensues among those compelled to borrow money at high rates of interest (if able to borrow at all) or lose securities pledged for loans. Securities are offered for sale at far below their value to secure needed currency, and business halts for want of sufficient circulating medium. These panics have been of frequent occurrence in the United States, and have usually been terminated by the removal of the most apparent underlying cause, but not until many honest business persons have been financially ruined. (See Panics.)

Government Relief.—Congress should devise some means for preventing panics has long been the opinion of many able statesmen and bankers. President Monroe discussed the panic of 1816-1819 learnedly in his third annual message (page 630).

The money stringency of 1837 forms the subject of a special message by President Van Buren, in which the causes and the whole history of that memorable panic are discussed. (Pages 1541 to 1563.) President Tyler's discussion to the relation of the circulating medium to the national treasury are set forth in his second annual address, pages 2027 to 2060. In 1857 the widespread poverty of the circulating medium was rehearsed by President Buchanan, and its causes were plainly laid before Congress with suggestions for relief. (Pages 2967 to 2972.) These were confined mainly to appeals to the patriotism and honesty of the business world, particularly the bankers. In his second annual message he renews the appeals and recommends an effective federal bankruptcy act. (Pages 3051, 3052.) President Grant takes up the question of the panic of 1873 in the very first paragraph of his fifth annual message and discusses its relations to the currency supply on pages 4198, 4199 and 4200. By the time the next session of Congress met Grant was able to present specific remedial legislation which he does at the outset of his sixth annual address. (Pages 4238, 4239, 4240 and 4241.) President Hayes announced his belief that the national currency should rest solely upon a coin basis. (Page 4397.)

The business depression of 1893, following the Silver Purchase Act, caused President Cleveland to call an extra session of Congress to repeal the act and take such measures as would restore confidence in

established values. (Pages 5833 to 5837.) President Roosevelt calls attention to inflated credits and high rates of interest in his sixth annual message, pages 7049-50.

President Taft recommended to Congress and the country a careful study of the currency question and the report of the Monetary Commission (page 7513), and the subject of a National Reserve Association formed by banks and representatives of the government in Part II of his annual message of 1912.

Emergency Currency.—In 1908 Congress passed the Aldrich-Vreeland Currency Law to render the currency of the country more elastic by providing for the issue by the Treasury of emergency money to the national banks to the extent of 50 per cent. of their capital, secured by state, county, municipal or other approved bonds or securities, whenever the necessities of the country demanded an increase in money. This to be retired by a tax whenever its apparent need had passed. (See Aldrich-Vreeland Currency Law.)

Federal Reserve Banks.—When the Democratic Administration came into full power with President Wilson in 1913, he made an urgent appeal to Congress to enact adequate currency laws (page 7879), and the result was the Glass-Owen Federal Reserve Banking Law, a summary of which, as later amended, will be found under Reserve Banking System. The provisions of the law and later amendments regarding currency issues by the Federal Reserve Banks were as follows:

Federal reserve bank notes may be issued under conditions laid down in the National Bank Act, providing that such notes may be issued equal in amount to the par value of bonds of the United States deposited with the Treasurer of the United States. However, the issue of such federal reserve bank notes is not limited to the capital stock of the issuing federal reserve bank.

Federal reserve notes are issued at the discretion of the Federal Reserve Board to federal reserve banks. They are obligations of the United States receivable by all national and member banks and for all taxes and customs, etc., and redeemable in gold on demand at the Treasury Department in Washington or in gold or lawful money at any federal reserve bank.

Application by any federal reserve bank for these notes must be accompanied by collateral of equal amount. Such collateral shall be notes, drafts, bills of exchange, or acceptances, or bills of exchange endorsed by a member bank and purchased, or bankers' acceptances, or gold or gold certificates.

Every federal reserve bank must maintain gold reserves of not less than 40% of its federal reserve notes actually in circulation, of which at least 5% must be kept in the United States Treasury. Notes must be forwarded to issuing bank for credit or redemption when received at other federal reserve banks. No federal reserve bank shall pay out notes of another under penalty of a tax of 10% of such notes.

The federal reserve notes, together with circulating notes secured by United States bonds of federal reserve banks, become a first lien upon the assets of such banks.

The federal reserve banks are allowed to substitute collateral.

The notes are in denominations of $5, $10, $20, $50, $100, $500, $1,000, $5,000 and $10,000.

When the gold reserve, by permission of the Federal Reserve Board, falls below 40%, the deficiency down to 32½% shall be taxed not more than 1% annually, with a tax of not less than 1½% annually increasingly upon each additional 2½% decrease, the tax to be paid by the reserve bank but added to the rates of discount and interest fixed by the Federal Reserve Board.

Currency (see also Reserve Banking System, Gold Certificates, Silver Certificates):
- Defects in law pointed out and remedial legislation urged, 7049, 7050, 7080, 7081, 7879.
- Discussed. (See Finances discussed.)
- Elasticity in—
  - Secured, 8151.
  - Urged, 6715, 6914, 6989, 7080, 7082, 7879.
- Emergency, recommended, 7080.
- Integrity of, 6787.
- Lack of, 100.
- Law, special address urging enactment of, 7879.
- Of the Constitution, precious metals, discussed, 1465.
- Plan of legislation for, indorsed by President Cleveland, 5985.
  - Discussed, 5993, 5999, 6073, 6091, 6175.
- Precious metals, currency of the Constitution, 1465.
- Reduction in, 630.
- Reform of, discussed, 7373, 7513, 7879, 7908.
- Should be responsive to commercial demands, 6654.
- Uniformity of, necessity for, 58, 60, 549, 550, 563, 1896.

Cushing, American vessel, attacked by aeroplane, 8062.

Custer Massacre.—Maj.-Gen. George A. Custer led with his regiment Gen. Terry's column in an expedition against the Sioux Indians in 1876. June 25, coming upon an encampment of Indians on the Little Big Horn River, in Montana, he divided his regiment (the Seventh Cavalry) into several detachments, one of which, under Maj. Reno, was ordered to attack in the rear, while Custer led 5 companies to the front. Reno was driven back and the Indians fell upon Custer and massacred his entire command of about 276 men (4327). See illustrations opposite 4168 and 5099.

Custom-Houses:
- In New York—
  - Authority for instituting investigation demanded, 1952.
    - Expenses of, referred to, 2010.
  - Investigated, 1952, 2007, 4423.
    - Report of commissioners referred to, 2005, 2014, 4402.
    - Reply of President, 1952.
- Officers of, claims of, for additional pay discussed, 2722.
- Partisan control over, order regarding, 4402.

Customs Administration Board discussed, 5549.

Customs Appeals, Court of. (See Courts.)

Customs, Collector of, compensation of, recommendations regarding, 4102.

Customs Districts, consolidation of, recommended, 4767.
Executive order designating, 7989.

Customs Duties. (See Import Duties.)

Customs Revenue, Commissioner of, creation of office of, recommended, 3985.

Customs Service:
Collection districts designated, 7989.
Discussed by President Taft, 7425. 7483, 7508.
Frauds in—
American Sugar Refining Company, beneficiary of, 7426.
Congressional action on, deprecated, 7483.
Prosecution of, progress of, 7485.
Order relating to and providing for fines for dishonest manifests in Canal Zone, 7963.
Reforms and economies in collection of, 7508.
Reorganization of, 7863.
Treasury Department given authority over officers of an inforcement of neutrality laws, 7964.

Cyane, The, sent to Greytown, Nicaragua, to demand reparation for injuries sustained by United States, 2816.
Bombardment by, discussed, 2816. (See also Greytown, Nicaragua.)

Czecho-Slovakia.—The Czechs (Bohemians) and Slovaks belong to the great Slavic family of mankind and, together with the Poles, form the western division of the Slavs. The country they inhabit, as it was constituted before the World War, comprised a large section of Bohemia, an even larger part of Moravia, certain portions of Prussian and Austrian Silesia, and large districts in northern Hungary, all of this territory being contiguous. In addition, they were to be found in certain other sections of Lower Austria, especially Vienna, and in many districts of Tsarist Russia, notably Volhynia.

Their language and literature are their own, although in the nineteenth century the Czechs outside of Bohemia developed a written language which in some respects differs from that of Bohemia. The Czechs are thus bounded on three sides by German peoples and influences and only in the east come into contact with their fellow-Slavs.

Czecho-Slovakia, as defined by the Peace Conference meeting at the close of the World War, was bounded on the north by Germany and Poland; on the east by Hungary; on the south by Hungary and Austria; and on the west by Germany (Bavaria).

At the time of the outbreak of the European War, the number of Czechs was usually placed at 8,000,000 (about 28% of the total population of Austria), but their losses under the Austrian flag in the war were very great. At present, their number is estimated at 7,700,000.

The boundaries of Czecho-Slovakia, as fixed by the Peace Conference of Paris, went beyond the principle of nationality, and included some millions of the German nationality within the new state. The Germans form a minority within the Czecho-Slovak state as before the war the Czecho-Slovaks formed a minority within the German state of Austria. A number of Magyars are also included within Czecho-Slovakia. Thus, of the members of Parliament elected in April, 1920, about 26% were Germans.

A census of Slovakia alone, held in November, 1919, showed 2,141,000 Slovaks, 665,000 Magyars and 140,000 Germans. The capital is Prague, with a population estimated at 650,000. The other large town is Brno (225,000).

Bohemia.—The early history of Bohemia is vague and unverifiable. The Bohemians certainly formed one of the powerful groups of the barbarian invaders of the Roman Empire several hundred years after the beginning of the Christian era, and lived for some centuries in a primeval condition based upon tribal allegiances and relations. In the Dark Ages the Bohemians formed part of the Moravian kingdom of Svatopluk, which was destroyed in the tenth century by the Magyars, the dominating, although by no means the most numerous, group in pre-war imperial Hungary. At the time, however, the Bohemians fell under German rather than under Magyar suzerainty, their numerous kings and overlords, paying at least a nominal allegiance to Teutonic powers.

By the thirteenth century, the Bohemians had succeeded in establishing a political autonomy of their own, and for some years were one of the important countries of Europe, even if they were too far to the north to represent as high a type of culture and civilization as other nationalities even in those days of darkness and superstition. Before 1400, however, Bohemia had once more fallen under German domination.

Bohemia was the centre in the fourteenth century of one of the significant movements of all times, the movement for religious reform led by John Hus, which notably helped to blaze the way for the later Reformation under Luther. The Reformation, accordingly, found Bohemia no virgin soil in which to cast its seeds, and the bitter Thirty Years' War raged throughout the length and breadth of Bohemia with fury and devastation. From the unprecedented slaughter of that struggle even the Czech race of today can hardly be said to have fully lost the traces. In 1620 Bohemia lost its independence, its crown became hereditary in the Hapsburg family, and the Czechs passed under Austrian rule.

Recrudescence of Nationalistic Feeling.—The Czechs fell strongly under the impulse of the rebirth of the souls of minor and suppressed nationalities which became the social movement of probably the farthest-reaching significance at the beginning of the nineteenth century. The disregard for nationalistic divisions displayed in the settlement of the Napoleonic Wars and the policy of suppressive reaction led by the Austrian Metternich fed the flames of the new feeling for Bohemian independence, and the Austrian government was not slow to see the danger therein contained for the Dual Monarchy. A strong policy of repression of the Czechs, literary, political, social, economic, was carried into effect, and the antagonism between the Czechs and the Magyar and German elements in control of Austria-Hungary became pronounced.

Even in Austria, however, as the years rolled on, the movement for constitutional

government could not be altogether disregarded, and in 1860 a pretense of representative government was established. The Czechs were given a representation far below that to which their numbers entitled them, and their elected representatives showed their anger by remaining away from the Imperial Parliament until 1879. Some years previously the Czech nationalistic aspirations had divided along conservative and radical lines, or into the parties of the Old Czechs and the Young Czechs. The establishment of a national university at Prague was an event of prime importance for the cultural and literary side of the Czech movement. At the outbreak of the European War, Bohemia had its own Diet of 242 members and was represented by 130 of the 516 members in the Lower House of the Austrian Reichsrat. Voting, however, was through stringent property and other qualifications. So strong had the antagonism to the powers in control of the Dual Monarchy become by 1913 that in that year Franz Josef's government suspended the autonomous government of Bohemia.

The Slovaks are a race kindred to the Czechs, with whom they are connected by close ties. They are about 2,000,000 in number (about ten per cent of the population of pre-war Hungary), and they inhabit what was northern Hungary before the War. Their abode is adjacent to the Czechs. Their language is a Czech dialect and their history and their aspirations are practically identical with those of the Czechs.

Before the end of the war, Czecho-Slovak rebels against Austro-Hungarian rule had organized, largely under the leadership of Professor Thomas G. Masaryk, to a point where they were recognized as a de facto belligerent Entente Power. On December 10, 1917, the organization of a Czecho-Slovak army was authorized by Premier Clemenceau of France. On April 23, 1918, the Czecho-Slovak state was recognized by Italy, on August 3, 1918 by Great Britain, on September 2, 1918 by the United States and on September 9, 1918 by Japan. On October 21, 1918, the Czecho-Slovakian Declaration of Independence was proclaimed at Paris, and the Republic was formally proclaimed on October 29. On November 14, 1918, the National Assembly met at Prague, and organized the Republic, with Professor Masaryk as the first president.

Although about 30 per cent of the National Assembly were Socialists, Czecho-Slovakia steered a conservative course in 1919 and was considered throughout Europe as a stronghold of the established order and as a bulwark against radicalism. In the general election held in April, 1920, for the 260 members of the Assembly, there were elected 54 Agrarians, 50 Social Democrats (Socialists), 50 Slovaks, 44 National Democrats, 28 National Socialists, 28 Catholics and 6 Progressive Liberals. In the elections to Parliament in the same month, there were returned 68 Socialists and 75 non-Socialists in the Senate and 141 Socialists and 137 non-Socialists in the Chamber of Deputies.

Government.—The Constitution guarantees freedom of thought, of press, of assembly, of petition, of conscience, of religion, of science and art. The Church is declared separate from the state. Women are given the same political rights as men and the rights of minority groups are assured by a system of proportional representation. The principles of the initiative and the referendum are recognized. The first Government consisted of a Prime Minister and a cabinet of sixteen secretaries of state.

The sole legislative power lies in the hands of a national parliament, composed of a Chamber of Deputies of 300, elected for six years; and a Senate of 150 members, elected for eight years. The two chambers in joint session elect the President of the Republic, who is supreme commander of the armed forces, although he may declare war only with the consent of Parliament. He appoints the higher officials and the ministers of the Cabinet.

The parliamentary elections are for parties, not candidates, the allocation of election districts being 5 for Bohemia, 2 for Moravia, 1 for Teschen and 7 for Slovakia. There are 22 administrative districts.

Finance.—The budget for 1920 estimated the revenue at 7,750,000,000 crowns and the expenditure at 10,400,000,000 crowns. The foreign debt amounts to about $650,000,000 at normal rates of exchange, and the internal debt to about 6,300,000 crowns. The crown is estimated as worth $.07 in United States currency at normal rates of exchange.

Industry and Commerce.—Czecho-Slovakia is one of the richest countries in Europe, both in natural resources and in industrial development. In Bohemia, Moravia and Silesia, about 40% of the occupations are listed as industrial and 35% as agricultural. Slovakia and Ruthenia are predominantly agricultural.

In 1919, there were 8,833 factories. Of these, 2,000 were textile mills, 1,755 glass works and precious stones factories, 1,360 for food production, 675 for furniture and wood products, 600 machine shops, etc., 300 paper mills, 590 for metal manufacture, 460 chemical plants.

The chief mineral products are iron, coal and silver. Before the War, the average annual yield of coal was: Brown, 22,725,000 tons; black, 12,475,000 tons. The annual average yield of iron ore was 1,900,000 tons; of silver, 46,200,000 kg.; of pig and cast iron, 980,000 tons.

During the first half of 1919, the imports were about 2,000,000,000 crowns and the exports, 1,430,000,000 crowns. The chief exports were fruits and vegetables, and sugar, followed by timber and coal, iron goods, paper, glass, chemicals. The chief imports were food supplies, especially grain and fats, and raw materials such as cotton and wool.

The exports went chiefly to Austria, followed at a great distance by Germany, Poland and Hungary. The imports came chiefly from the United States, followed by Austria, Switzerland, Italy and Germany.

Communications.—The length of the railroads, chiefly state-owned and-operated, is 8,680 miles. There are some 4,000 post-offices and 3,000 telegraph offices, with 50,000 miles of telegraph wire.

Czecho-Slovakia (see also Austria-Hungary:
Food to be given, 8685.
German nationality to extent of three million included within, 8837.
Independence of—
Discussed, 8696, 8731.
Recognized, 8607.
Repression of, discussed, 8788.
Troops in Russia, 8591, 8592, 8824.

Dahomey.—A French colony in West Africa, forming part of the Government of French West Africa. With a coast line of only some 70 miles, it extends far northward between the old German colony of Togoland and Nigeria, the total area being about 40,000 square miles. Its population is estimated at more than 900,000, most of whom are blacks in a low stage of culture. There is a large amount of agriculture and much cultivation of cocoanuts.

Dairying and Cattle Raising.—One of the most striking features in the history of dairy farming in the United States is the transfer of this productive industry, in large part, from the farm to the factory. The cows and milk continue to be farm property and products, but a constantly increasing share of the labor of converting milk into marketable form is done at creameries, cheese factories and condenseries. The products of these establishments come within the realm of manufactures.

This change has taken place during the last half century, which covers the period of the development of associated and cooperative dairying in America. When the milk produced on two or more farms, or the cream from such milk, is brought together at one place to be condensed, or made into butter or cheese, domestic industry ceases, the place becomes a factory and its output a manufactured product.

In 1914, the value of the butter, cheese and condensed milk produced was $333,486,125.

In 1914, 786,013,489 pounds of butter were produced in the United States, valued at $223,179,254.

Cheese Production.—The census of 1850 noted the existence of eight cheese factories. The number increased very little until after 1860, but in 1870 there were 1,313 cheese and butter factories, generally called creameries. The census of 1910 reported 8,479 establishments engaged in the manufacture of butter, cheese and condensed milk. Of these 4,783 reported butter as their chief product, 3,560 cheese, and 136 condensed milk. The capital invested in the business was given as $71,283,615. There were 31,506 persons engaged in the business, and $14,671,932 was paid out in salaries and wages. The total value of the product was $274,557,718. In this industry the cost of materials constitutes a very large proportion of the total value of products, the processes of manufacture being relatively simple and inexpensive. The cost of the materials used in 1909 was $235,546,064, forming 85.8 per cent of the value of the products, while the value added by manufacture (that is, the value of products less the cost of materials) was only $39,011,654. In 1914, the cheese production of the United States was estimated at 377,500,000 pounds, valued at almost $51,000,000.

Creameries.—The creamery system was introduced in New England about thirty-five years ago upon what was known as the cream gathering plan. This was a popular form of creamery management in some western states from 1876 to 1890. Under this plan the milk was separated by gravity (or "setting") on the producing farms, skimmed there and the cream only went to the creamery, being usually collected daily by agents or gatherers from the factory, hence the name "cream gathering." The dairy centrifuge, or cream separator, made its appearance in America in 1879, and has revolutionized dairy and creamery management. The popularity of this machine for mechanical skimming or separating cream from milk dates from about 1885, and since that time the "separator plan" has been adopted by practically all new factories, and has rapidly replaced the cream gathering plan in established creameries. The separator, operated by power, has been placed at the creamery and at its branches or separating stations, and the milk for butter has been hauled daily to these places to be there creamed or separated. This radical change of management accounts for the decrease in cream as a material received by the creameries, and partly for the increased quantity of milk so received. The centrifugal cream separator was introduced and generally adopted in large sizes requiring steam power, and of such capacity that one machine, operated a few hours every morning, could cream the milk from several hundred cows. One powerful separator is therefore the usual equipment of a creamery, and does the work for a whole neighborhood. It has been found, however, that the labor and expense of daily hauling the entire milk product of patrons' farms to the creamery, often several miles distant, is too great a tax upon the industry. A movement toward relief of the patrons and economy in creamery management has been the establishment of neighborhood "skimming stations," equipped only with a separator and power to operate it, as branches of the central plant. From these stations the cream is transported to the parent butter-making factory.

It is interesting to note that while the extension of the creamery system has been such as to raise the product of these establishments in ten years from 15 per cent to 28 per cent of the total butter product of the United States, with a net increase of 131.7 per cent, the quantity of butter made on farms has nevertheless, increased nearly fifty million pounds. As a rule the states producing the greatest quantities of butter in factories are also those in which the quantities made on farms are greatest.

Other new elements which are influencing a modification of the creamery system are the invention of the Babcock fat test for milk, and the adoption of the farm separator in sizes for either hand or power. The Babcock test is a chemico-mechanical contrivance, not difficult to operate, by which the percentage of butter fat in either milk or cream may be measured with mathematical accuracy, and the value of the butter-making elements thus fixed so far as quantity is concerned. Milk delivered at creameries and cheese factories is now generally tested in this way and paid for on the basis of the fat it contains. Farm and creamery methods are so much simplified by these improvements that many dairy farmers are procuring private separators.

Butter.—The quantity of butter packed solid or in prints and rolls varies with the market requirements. In New England the numerous cities and large towns easy of access furnish markets where butter can be sold directly to retail dealers or consumers. Therefore, Vermont excepted, the creameries of this section pack twice as much butter in the form of bricks, prints, or balls, as they do in solid tubs or firkins. In Rhode Island and Connecticut, with retail markets at their doors, the factories pack eight times as much of their product in prints as in tubs. Philadelphia and the Pennsylvania markets in general have long been noted for excellent print butter. From Iowa, Wisconsin, Minnesota and South Dakota butter must be sent long distances to market and naturally goes mainly in bulk.

The average price of butter per pound received by farmers was 22 cents in July, 1909, increasing in ten years to 40 cents. On October 15, 1919, the average retail price of butter was 71 cents a pound.

Condensed Milk.—The condensed milk industry was started about the same time as the factory system for making butter and cheese. Some method had long been sought for preserving milk, but none was successful until the invention of Gail Borden. After ten years of experimenting he decided that a semi-liquid state was the best form of preservation and in 1856 settled upon the process which has since popularized the product in every quarter of the globe. The present extensive industry, in Europe as well as America, with its many different establishments and various commercial names and brands, is based upon Mr. Borden's methods. This applies to the unsweetened article as well as to that preserved with sugar, for "plain condensed milk" was first introduced and put upon the market in 1861. It was then mainly in open vessels and intended for early use. Between 1860 and 1870 milk in both forms had become well known, and four or five factories were in operation, each producing about 5,000 one-pound cans per day.

Number and value of milch cows in the United States for recent years:

Jan. 1	*Number*	*Value*
1890	15,952,883	$ 353,152,133
1895	16,504,629	362,601,729
1900	16,292,360	514,812,106
1905	17,572,464	482,272,203
1910	21,801,000	780,308,000
1915	21,262,000	1,176,338,000
1916	21,988,000	1,185,119,000
1917	22,894,000	1,365,251,000
1918	23,284,000	1,644,231,000
1919	23,467,000	1,836,055,000

The most recent figures put the annual yield of milk in the United States at 8,430,000,000 gallons.

The entire dairy and cattle raising business of the United States for the last census year may be summed up as follows:

Cows and heifers kept for milk born before Jan. 1, 1909	20,625,432
Cows and heifers not kept for milk born before Jan. 1, 1909	12,023,682
Heifers born in 1910	7,295,880
Steers and bulls born before Jan. 1, 1909	7,598,258
Steers and bulls born in 1909	5,450,289
Calves born after Jan. 1, 1910	7,806,539
Milk produced (pounds)	9,888,727,303
Cream produced (pounds)	1,406,143,908
Value of milk, cream and skimmed milk	$213,811,589
Pounds of butter produced, 1909	* 1,619,415,263
Pounds of cheese produced, 1909	† 320,532,181

* In addition, 2,381,212 pounds of butter produced in establishments engaged primarily in the manufacture of products other than butter, cheese or condensed milk.

† In addition, 49,413 pounds of cheese produced in establishments engaged primarily in the manufacture of products other than butter, cheese or condensed milk.

Export Trade.—Cheese, butter, and butter fats are again becoming important factors in our export trade after a long period of comparative inactivity. Fifteen or twenty years ago the United States was selling abroad between 20,000,000 and 30,000,000 pounds of butter, from 50,000,000 to 80,000,000 pounds of cheese, and from 5,000,000 to 10,000,000 pounds of imitation butter annually. In later years, however, exports of this class decreased in a marked degree and in the fiscal year 1914 had fallen far below the quantities named. In the year just ended there was a distinct revival in all these lines, with totals closely approximating the high levels touched in the decade from 1890 to 1900.

These exports, while important, represent a very small proportion of the annual products of the 60,000,000 cattle on American farms, valued at more than $2,333,000,000. As long ago as 1909, the latest period covered by the national census, we produced 1,619,000,000 pounds of butter, 321,000,000 pounds of cheese, and 5,814,000,000 gallons of milk, while the quantity of oleomargarine on which internal revenue tax was paid in 1914 aggregated 142,000,000 pounds.

For the fiscal year ending June 30, 1918, the exports of dairy products from the United States were as follows:

	Pounds	*Value*
Butter	17,735,966	$ 6,852,727
Cheese	44,330,978	10,785,153
Milk, condensed	529,750,032	68,270,517

Of the butter exported, 79 per cent went to the United Kingdom and 7 per cent to Bermuda and the West Indies.

Imports into the United States for the fiscal year ending June 30, 1918, were as follows:

	Pounds	*Value*
Butter	1,805,925	$ 619,303
Cheese	9,839,305	4,089,027
Cream, gal.	711,502	675,012
Milk		2,997,051

Of the cheese imported, more than half comes from Italy, the remainder coming chiefly from Switzerland and France.

See also Agricultural Products; Butter, Cheese and Condensed Milk Industry; and Cost of Living.

Dakota, executive order erecting North and South Dakota into a separate Internal Revenue district, 6608. (See also North Dakota and South Dakota.)

Dakota Central Railway Co., agreement for right of way to, through Sioux Reservation, Dak., transmitted, 4775.

Dakota Indians. (See Indian Tribes.)

Dakota Territory (see also North Dakota; South Dakota):

Creation and organization of, referred to, 3254.

Dakotah Indians. (See Indian Tribes.)

Dallas, Tex., bill to authorize construction of addition to public building in, vetoed, 5519.

Dalmatian Coast, question of disposition of disputed portions of, discussed, 8704, 8707.

Dames of the Revolution.—The Society of Dames of the Revolution was organized in 1896. The regulation as to membership is that the society shall be composed entirely of women above the age of eighteen

years, of good moral character, who are descended in their own right from an ancestor who, either as a military, naval or marine officer or official in the service of any one of the thirteen original colonies or states, or of the National Government representing or composed of those colonies or states, assisted in establishing American independence during the War of the Revolution, April 19, 1775, when hostilities commenced, and April 19, 1783, when they were ordered to cease. Local chapters may be organized when authorized by the Board of Managers of the Society.

Dams in Navigable Streams, conditions of grants for, 7166.

Danbury Hatters' Case. (See Loewe vs. Lawlor et al.)

Danish West Indies. (See Virgin Islands.)

Danish West Indies, payment for, 8224.

Danzig, international status of, discussed, 8733.

Dardanelles.—The narrow channel separating southeastern Europe from southwestern Asia, and joining the Sea of Marmora with the Aegean Sea. (The Aegean Sea is a broad arm of the Mediterranean and the Sea of Marmora is connected with the Black Sea through the Bosphorus, on the banks of which lies Constantinople.) The Dardanelles extend from the northeast to the southwest, and their crooked and winding contour has contributed greatly to the value of the strong military fortifications which line the banks. The Dardanelles are about 40 miles long, with a width ranging from 1 to 5 miles; and the average depth of the channel is 480 feet. In 1841 a treaty between Turkey and the Five Great Powers provided that no ship of war should pass through the Dardanelles without Turkey's assent, and this stipulation was ratified again in 1871 and 1878, although Russia later obtained special privilege in sending her ships through the Dardanelles. (See 4078.) The Dardanelles are famous in ancient Greek history, and the events of which they were the centre during the World War are described under that head.

Dardanelles:

Internationalization of, necessary, 8425.

Restrictions on passage of Straits of Bosphorus and, by ships of other nations, 4078.

Darien, Isthmus of, canal across. (See Panama Canal.)

Darien Naval Radio Station, established, 7961.

Dartmoor Massacre.—In 1815, Dartmoor prison, in Devonshire, England, contained 10,000 French and 6,000 American prisoners of war, as well as impressed American seamen who had refused to fight against their country. The prisoners of war had been taken in the War of 1812 and the seamen had been impressed for several years prior to the war and were impatient for their liberty, the war having ended. On the 6th of April a number of sailors, in attempting to escape, came into collision with the guards and 33 Americans were wounded and 7 killed. After an investigation ample satisfaction was made by the British Government.

Dartmouth College vs. Woodward.—A celebrated case decided by the Supreme Court of the United States, in 1819. June 27, 1816, the New Hampshire legislature amended the charter of Dartmouth College, increased the number of trustees to twenty-one, and changed the name from Dartmouth College to Dartmouth University, creating a new corporation, to which the property of the old corporation was transferred. Woodward was the secretary and treasurer of the corporation under the new charter. The old trustees began suit against him for the recovery of the property. The State court decided against them. The case was taken on writ of error to the United States Supreme Court. The latter tribunal reversed the decision of the State court, declaring that the "charter of Dartmouth College is a contract within the meaning of that clause of the Constitution which prohibits States from passing any law impairing the obligation of contracts." The New Hampshire law was therefore declared unconstitutional and void. Daniel Webster conducted the case for the plaintiffs. This decision is one of the most important ever rendered by the Supreme Court. It settled the law holding that a charter granted to a private corporation is a contract, which cannot be altered in a material point without the consent of those who hold it unless the power of revision is reserved to the legislature by a clause in the charter or a general law of the State.

Daughters of the American Revolution.—The Society was organized in the city of Washington, D. C., Oct. 11, 1890. The headquarters are in Washington. Its present membership is reported by the Secretary-General to be 47,111. Seven hundred and fifty state chapters exist in forty-five states and territories and the District of Columbia, presided over by regents. Chapter regents have been appointed for England, Cuba and the Philippines.

Any woman may be eligible for membership who is of the age of eighteen years, and who is descended from an ancestor who, "with unfailing loyalty, rendered material aid to the cause of independence as a recognized patriot, as soldier or sailor, or as a civil officer in one of the several colonies or states, or of the United Colonies or States," provided that the applicant shall be acceptable to the society. Every application for membership must be indorsed by at least one member of the National Society, and is then submitted to the Registrars-General, who report on the question of eligibility to the Board of Management, and upon its approval the applicant is enrolled as a member.

Daughters of the Confederacy, United. (See Confederacy, United Daughters of the.)

Daughters of the Revolution.—The General Society was organized in the City of New York, Aug. 20, 1891. Eligibility to membership is restricted to "women who are lineal descendants of an ancestor who was a military or naval or marine officer, soldier, sailor or marine in actual service under the authority of any of the thirteen colonies or states, or of the Continental Congress, and remained always loyal to such authority, or descendants of one who signed the Declaration of Independence, or of one who as a member of the Continental Congress or of the Congress of any of the

colonies or states, or as an official appointed by or under the authority of any such representative bodies, actually assisted in the establishment of American independence by service rendered during the War of the Revolution, becoming thereby liable to conviction of treason against the Government of Great Britain, but remaining always loyal to the authority of the colonies or states." State societies exist in a large number of states.

Dauphine Island, Gulf of Mexico, fortification at, of importance to defense of New Orleans and Union, 688.

Referred to, 695.

Davids Island, New York Harbor, new building for recruiting service at, referred to, 4664.

Dawes Commission discussed, 6272, 6346, 6389.

Daylight Saving.—The movement to rearrange the hands of the clock, especially in summer, so as to utilize more natural and less artificial light. The advantages of such reform are obvious, and became especially so during the European War when the conflict had developed into a contest largely of natural resources and management of physical supplies.

The idea is not new, having been mentioned by Benjamin Franklin in France in 1784. The modern movement, however, dates with 1907, when William Willet, an English builder, published an article entitled "The Waste of Daylight." Willet received much support for his propaganda, and bills providing for daylight saving were introduced into Parliament in 1908, 1909, and 1911, although none of them was passed. In 1916, however, Germany set ahead the hands of the clock one hour at the beginning of the summer, putting them back to their former position with the coming of fall; and her example was followed in the same year by Great Britain, France, Holland, Norway, Austria, Denmark, Sweden, Switzerland, Italy, Spain, Portugal, Turkey and Nova Scotia.

In 1917, the results of daylight saving had been so successful that they were put into effect again in the same countries, although earlier in the year. Australia and Iceland were also added to the list in this year. It was reported from Europe that the saving in national resources by substituting an hour of sunlight at one end of the day for an hour of artificial light at the other end was considerable, and there was also a saving in the bills of the consumers of light, heat and fuel.

On June 27, 1917, the United States Senate passed a bill providing that the hands of the clock should be set forward one hour on the first day of May and replaced on the first day of October of each year. No further action was taken until March 15, 1918, when the House of Representatives also passed the bill, but altered it so as to effect daylight saving from the last Sunday in March to the last Sunday in October, thus providing for seven instead of five months of daylight saving. The Senate concurred in the plan of the House, and it was put into effect as scheduled, after the bill to that effect had been signed by the President on March 19, 1918. It was estimated that daylight saving in 1918 saved the country about 1,250,000 tons of coal.

Daylight saving was continued in 1919, but in the latter part of that year, Congress repealed the provisions of the Daylight Saving Act for 1920, largely because of the organized opposition of farmers. The repeal bill was vetoed by President Wilson (pages 8757, 8760), but was passed over his veto. However, in 1920 a number of the larger cities of the country, including New York, made provision for daylight saving within their limits, so that to an extent daylight saving was continued after 1919.

Daylight Saving Law, continuance of, urged, 8757, 8760.

Dead Letters. (See Division of Dead Letters.)

Death Penalty.—Capital punishment prevails in all the states and territories of the Union, except the following, where it was abolished in the years indicated:—Arizona, except for treason, 1916; Kansas, 1907; Maine, 1876; Michigan, except for treason, 1847; Minnesota, 1911; Missouri, 1917; North Dakota, 1915; Oregon, 1914; Rhode Island, 1852; South Dakota, 1915; Washington, 1913; Wisconsin, 1853.

Death Rate.—The most recent figures for the death rate in the registration area of the United States are given in the following tables. The registration area in these figures comprises the states of California, Colorado, Connecticut, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Montana, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Utah, Vermont, Virginia, Washington, Wisconsin, the District of Columbia, the territory of Hawaii, and in addition the following cities in the non-registration states: In Alabama—Birmingham, Mobile and Montgomery; in Delaware—Wilmington; in Florida—Jacksonville, Key West, Pensacola and Tampa; in Georgia—Atlanta, Augusta, Brunswick, and Savannah; in Illinois—Aurora, Belleville, Chicago, Decatur, Evanston, Jacksonville, Quincy, and Springfield; in Mississippi—Hattiesburg, Jackson, Meridian, Natchez and Vicksburg; in Nebraska—Lincoln and Omaha; in North Dakota—Fargo; in Oregon—Portland; in Texas—Beaumont, Cleburne, Dallas, El Paso, Galveston, Houston and San Antonio; in West Virginia—Wheeling. The registration area, exclusive of Hawaii, comprised 73 per cent of the population of the country.

The latest figures show that the death rate was 14.2 per 1,000 of population, as compared with 13.5 in 1915, the lowest rate on record. Naturally, the greatest number of deaths occur in the first year of life, steadily decreasing until the age of 15 is passed, after which it increases until it reaches its apex in the age-group between 70 and 74. The death rate in the cities in the registration states is 15.2, as compared with 13.0 in the rural parts of those states.

For the cities with a considerable *colored* population, of which *negroes* form almost the whole, the white death rate is 15.6 and the colored is 27.4 per 1,000.

The death rate in the registration states is as follows:

California	13.9	Maine	15.1
Colorado	10.9	Maryland	
Connecticut	16.5	(total)	17.1
Indiana	14.0	White	15.1
Kansas	11.3	Colored	27.2
Kentucky (total)	13.7	Massachusetts	15.0
White	12.6	Michigan	15.2
Colored	23.8	Minnesota	10.3

Missouri	13.3	White	11.7
Montana	13.9	Colored	16.9
New Hampshire	16.8	Tennessee	
New Jersey	14.6	(total)	13.4
New York	14.7	White	11.7
North Carolina		Colored	20.1
(total)	14.0	Utah	10.4
White	12.3	Vermont	15.0
Colored	17.7	Virginia (total)	14.3
Ohio	14.8	White	11.8
Pensylvania	14.8	Colored	20.0
Rhode Island	15.3	Washington	7.6
South Carolina		Wisconsin	11.5
(total)	14.5		

The death rate of some of the largest cities of the country is as follows:

Birmingham,		Baltimore, Md.	
Ala. (total)	20.2	(total)	19.1
White	12.1	White	16.6
Colored	34.1	Colored	33.6
Los Angeles, Cal.	12.5	Boston, Mass.	16.6
San Francisco,		Detroit, Mich.	19.0
Cal.	15.2	Kansas City, Mo.	16.4
Denver Col.	12.0	St. Louis, Mo.	15.1
Washington,		Newark, N. J.	14.2
D. C. (total)	18.1	Buffalo, N. Y.	16.1
White	15.1	New York, N. Y.	13.7
Colored	26.1	Cincinnati, O.	16.5
Atlanta, Ga.		Cleveland, O.	15.7
(total)	16.2	Portland, Ore.	7.8
White	12.9	Philadelphia, Pa.	17.1
Colored	23.6	Pittsburgh, Pa.	18.2
Chicago, Ill.	14.9	Richmond, Va.	
Indianapolis,		(total)	18.5
Ind.	16.2	White	15.5
New Orleans, La.		Colored	24.2
(total)	19.9	Seattle, Wash.	6.9
White	15.7		
Colored	32.0	Milwaukee, Wis.	12.3

The following table shows the death rate (exclusive of stillbirths) per 1,000 for some of the countries of the world:

Australia	11.0	Italy[3]	17.9
Austria[1]	20.5	Japan[5]	19.5
Belgium[2]	15.9	New Zealand	9.6
Chile[3]	27.8	Norway[4]	13.3
Denmark[4]	12.8	Ontario, Can.[4]	12.0
England & Wales	14.4	Russia (Euro-	
France[3]	19.6	pean)[6]	28.9
Germany[5]	15.0	Sweden[4]	14.6
Hungary[1]	23.3	Switzerland[4]	13.3
Ireland	16.5	United States	14.0

[1] 1912. [2] Average, 1906-1910. [3] 1914. [4] 1915. [5] 1913. [6] 1909.

The chief causes of death in the United States are as follows:

Cause	*Percentage of Whole*
Heart Diseases	11%
Pneumonia	10½
Tuberculosis	10¼
Accidents, etc.	7¾
Bright's Disease	7½
Apoplexy	6
Cancer	5¾
Diarrhoea and Enteritis	5½
Congenital Debility	5¼

The highest death rate in recent years occurred in 1918, namely 18 per 1,000. One-third of the deaths occurred from influenza and pneumonia, 26 per cent in the last four months of the year, when the United States was in the grip of a raging influenza epidemic.

Debacle.—Literally, a sudden breaking up or downfall; hence a confused rout, a stampede.

Debenture. (See Drawback.)

Debt, Imprisonment for.—To imprison a debtor and hold him in confinement until the amount of his debt was paid is a feature of civilization going back into the dim origins of history, and in some cases continuing into the nineteenth century itself. When the United States achieved its independence from Great Britain, imprisonment for debt was still the usual course of procedure in the latter country, but was generally felt in the new republic to be inhumane. It continued to exist for a little space of time in some of the states, but soon was everywhere enacted out of existence. However, the prohibition against imprisonment for debt does not apply against damages for tort or against cases of fraud or against fines imposed as punishment by courts.

Debt, Public.—The debt of the United States, as reported to the first Congress at its second session, 1790-1791, by Alexander Hamilton, Secretary of the Treasury, consisted of the foreign debt, domestic debt and state debts. The Secretary recommended that these latter be assumed by the general government, and after considerable discussion this was agreed to. The debt then stood:

Domestic debt	$42,414,085
Foreign debt	11,710,378
State debts (as finally assumed)	18,271,786
Total	$72,396,249

The foreign debt consisted of money due in France, Holland and Spain, for loans made to us during the Revolution.

The debt was funded and in 1796 the total was $83,800,000. It then began to decrease, and, though swelled $15,000,000 by the Louisiana Purchase, it was brought down to $45,200,000 in 1812. The War of 1812 increased the amount till in 1816 the debt reached $127,000,000. By 1835, however, it was virtually extinguished. It then began to grow.

In 1836 the treasury had on hand a surplus of over $40,000,000, all but $5,000,000 of which was ordered by Congress to be distributed among the states, on certain conditions and in four installments. Three of these were paid, but the turn taken by financial affairs rendered the payment of the fourth inexpedient. The increase between 1847 and 1849 was due to the Mexican War. Between 1852 and 1857 over $53,000,000 of the debt was purchased in the market by the government, about $8,000,000 being paid as premium. After the panic of 1857 the debt began to increase; the sudden enormous increase in 1862 was caused by the Civil War. The total amount of loans issued by the government up to the outbreak of the Civil War was $505,353,591.95; between that time and July 1, 1880, there was issued $10,144,589,408.69; and since then 3½ per cent. bonds to the amount of $460,461,050, matured 5 and 6 per cent. bonds extended being at that rate, and 3 per cent. bonds to the amount of $304,204,350, for the purpose of extending the above-mentioned 3½ per cent. bonds. (See Refunding.) The prosperity of the country, enormous revenues from customs, and the successive fundings of the debt at lower rates of interest reduced it by 1876 to $2,180,395,067. By 1886 it had further contracted $1,783,438,607, but the Spanish War caused it to grow again till in 1899 it amounted to $2,092,686,024.

Of this debt, $830,000,000, bearing interest at seven and three-tenths per cent., matured in 1867 and 1868, and about $300,000,000 other debt matured in the same period. To meet this there were issued in 1865 $332,998,950, fifteen years, six per cent. bonds; in 1867 $379,616,050, fifteen

The total gross public debt before deduction of the balance held by the Treasurer free of current obligations, and without any deduction on account of obligations of foreign Governments or other investments, was as follows on January 1, 1920:

BONDS:		
Consols of 1930 (2%)	$ 599,724,050.00	
Loan of 1925 (4%)	118,489,900.00	
Panama's of 1916-36 (2%)	48,954,180.00	
Panama's of 1918-38 (2%)	25,947,400.00	
Panama's of 1961 (3%)	50,000,000.00	
Conversion Bonds of 1946-47 (3%)	28,894,500.00	
Postal Savings Bonds (2½%)	11,453,100.00	
		$ 883,463,130.00
First Liberty Loan of 1932-47 (3½%, 4%[1], 4¼%[1])	1,964,320,630.00	
Second Liberty Loan of 1927-42 (4% and 4¼%[1])	3,426,464,403.00	
Third Liberty Loan of 1928 (4¼%)	3,780,897,455.00	
Fourth Liberty Loan of 1933-38 (4¼%)	6,573,885,598.00	
		15,745,568,086.00
Total bonds		16,629,031,216.00
NOTES:		
Victory Liberty Loan of 1922-23 (3¾% and 4¾%)		4,494,114,007.07
TREASURY CERTIFICATES:		
Tax	1,935,523,500.00	
Loan	1,326,661,000.00	
Pittman Act	259,375,000.00	
Special issues	56,926,300.37	
		3,578,485,800.37
War Savings Securities		897,143,389.27
Debt on which interest has ceased[2]		5,712,810.26
Total interest-bearing debt		25,604,487,222.97
Non-interest bearing debt[3]		232,591,584.41
Total gross debt		25,837,078,807.38

[1]Converted

[2]Payable on presentation and including—
Funded Loan of 1891, continued at 2 per cent, called for redemption on May 18, 1900.
Funded Loan of 1891, matured September 2, 1891.
Loan of 1904, matured February 2, 1904.
Funded Loan of 1909, matured July 2, 1907.
Refunding Certificates, matured July 1, 1907.
Old Debt matured prior to 1891 and other items matured subsequent to 1861.
Certificates of Indebtedness matured.
Loan of 1908-18.

[3]Payable on presentation and including United States notes (less gold reserve); old demand notes; national bank notes and federal reserve notes assumed for retirement on deposit of lawful money; and fractional currency.

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years, six per cent. bonds; in 1868 $42,539,350, fifteen years, six per cent. bonds; in 1867 and 1868 $85,150,000 demands, three per cent. certificates. The refunding act of 1870 authorized the issue of not more than $200,000,000, ten years, five per cent. bonds; of not more than $300,000,000, fifteen years, four and a half per cent. bonds; of not more than $1,000,000,000, thirty years, four per cent. bonds. In 1871 this was amended, increasing the amount of five per cent. bonds to $500,000,000, the total issue, however, not to be increased thereby. Under this act there were issued a total of $412,806,450 of five per cent. bonds, and after 1876 $250,000,000 four and a half per cent. bonds. In 1879 a bill was passed authorizing the issue of $10 certificates, bearing four per cent. interest and exchangeable into the four per cent. bonds of the acts of 1870 and 1871. These certificates were issued as a part of the refunding scheme, and were intended to supply a safe means of investment for people of small means, an object that was defeated by the premium at which the four per cent. bonds were selling, which acted as an inducement to buy up these certificates and to exchange them for the bonds. In 1879 over $741,000,000 four per cent. bonds were issued under the acts of 1870 and 1871. The net result of all these changes was that the national debt, considerably more than one-half of which was in 1865 outstanding at six per cent. and over, was in 1879 costing but four and four and a half per cent. for more than one-half of its then principal. In 1881 over $670,000,000 of the public debt running at five and six per cent. matured. Congress failed to provide the means for meeting it, and there was at the disposal of the Secretary for this purpose only the surplus revenue and somewhat over $100,000,000 of four per cent. bonds under the acts of 1870 and 1871. Under these circumstances Secretary Windom, forced to act on his own responsibility, made a general offer to the holders of these bonds to extend the bonds of such as might desire it at three and a half per cent., redeemable at the pleasure of the government. This measure was a complete success, over $460,000,000 bonds being extended at three and a half per cent. The next Congress (in 1882) authorized three per cent. bonds, redeemable at the pleasure of the government, to be issued instead of the bonds extended at three and a half per cent., and more than $300,000,000 were so issued. Meanwhile the reduction of the debt proceeded so rapidly that the last of the three and a half per cents. were called for payment November 1, 1883, and the last of the three per cents. July 1, 1887, leaving outstanding only the four and a half and four per cent. bonds.

The present debt of the United States may be divided into three parts: (1) the interest-bearing debt, consisting of bonds

of various denominations; (2) the debt on which interest has ceased since maturity, which is a total of overdue bonds outstanding that have never been presented for payment; (3) debt bearing no interest, which includes old demand notes, the legal-tender notes, certificates of deposit, and gold and silver certificates.

An official statement of the public debt of the United States and the participation of each individual therein will be found in the table of the financial growth of the country in the article on Finances.

The growth of the interest-bearing public debt of the United States is given in the table below.

1793..	$ 80,352,634	1890..	$1,549,556,354
1800..	82,976,294	1900..	2,132,373,031
1810..	53,173,218	1905..	2,293,846,382
1816..	127,334,934	1910..	2,704,142,282
1820..	91,015,566	1911..	2,831,330,306
1830..	48,565,407	1912..	2,906,750,549
1835..	37,513	1913..	2,926,434,344
1840..	5,250,876	1914..	2,809,262,119
1850..	63,452,774	1915..	3,225,734,627
1860..	64,842,288	1916..	3,609,244,262
1865..	2,680,647,870	1917..	5,717,770,279
1870..	2,480,672,428	1918..	12,243,628,719
1880..	2,128,791,055	1919..	24,479,302,376

Debt, Public (see also Bonds; Loans):
Act directing payment of surplus in Treasury on, reasons for applying pocket veto to, 5073.
Act to facilitate refunding of, vetoed, 4589.
Discussed. (See Finances discussed.)
Discussed generally, 52, 75, 77, 79, 120, 134, 136, 159, 163, 196, 228, 311, 316.
Extinction of, 1379, 1382.
Near approach of, 1014, 1160, 1247.
Referred to, 2252.
Increase in, 675, 2402, 2441, 3055.
In consequence of Mexican War, 2441.
Interest on, reduction of, recommended, 3874, 4415.
Payment of—
From surplus revenue before due, recommended, 2660, 2713.
In coin, discussed, 3991.
Provisions for, 98, 823, 1379.
Vacant lands sold for, 100, 317, 584.
Payments on. (See Finances discussed.)
Progress of refunding, discussed, 4423.
Reduction of. (See Payment of.)

Debtors, Insolvent (see also Bankruptcy):
Modifications in law regarding, recommended, 958, 1017, 1119, 1727.
Public officers availing themselves of benefits of act must be discussed, 1107.
Relief of, act for, 251.

Debts, British.—The treaty with Great Britain in 1783 provided for the payment of all debts owed by Americans to British subjects. Many obstacles were thrown in the way of prompt payment, however, some of the state governments going so far as to provide, even after the ratification of the treaty, that such debts might be paid to the state treasury, and the state would then refuse to entertain suits on the part of creditors. The Supreme Court decided in 1796 that such debts must be paid and that no state law could repudiate them. (See also Ware *vs.* Hylton.)

Decimal System of Coinage, Weights, and Measures.—In 1782 Gouverneur Morris reported a decimal currency system designated to simplify the money of the United States. He ascertained that the 1440th part of a Spanish dollar was a common divisor for the various currencies. With this as a unit he proposed a coinage of ten units to be equal to one penny; ten pence to one bill; ten bills to one dollar (equal to about seventy-five cents of the present money); ten dollars to one crown. In 1784 Mr. Jefferson, as chairman of a committee of Congress, proposed to strike four coins upon the basis of the Spanish dollar, viz., a gold piece worth ten dollars, a dollar of silver, tenth of a dollar in silver, and a one hundredth of a dollar in copper. Congress adopted this proposition, making the dollar the unit, July 6, 1785, and the coins became known as the cent, dime, dollar and eagle. Jan. 1, 1858, Canada adopted the decimal system of currency in use in the United States. By an act of Congress of May 16, 1866, the 5-cent nickel piece was made to conform to the decimal or metric system as to size and weight. The use of the metric system of weights and measures was authorized by Congress by a permissive act, not mandatory, and a table of equivalents was approved by Congress July 28, 1866.

Declaration.—In customs parlance, a statement as to goods imported, used by customs officers as the basis for fixing duties—usually after investigation.

Declaration of Independence.—The unanimous expression of the delegates in Congress of the thirteen original states, setting forth the rights of men in general and of the colonists in particular, citing their grievances against the British Government, and declaring "that these united colonies are and of right ought to be free and independent states." North Carolina took the first step toward independence by a resolution, April 12, 1776, "to concur with those in the other colonies in declaring independence," the same state having previously (May 31, 1775), in her famous Mecklenburg resolutions (*q. v.*), which were forwarded to the Continental Congress, declared the people of the colonies "a free and independent people, under the control of no other power than that of our God and the general government of the Congress." The title of the document was suggested by Virginia in her resolution of May 17, 1776, directing her representatives to propose in Congress a "declaration of independence." Such a resolution was introduced by Richard Henry Lee on June 8th, but was not adopted until July 2d. The document was prepared by a committee composed of Thomas Jefferson, John Adams, Benjamin Franklin, Roger Sherman and Robert R. Livingston. The draft was made by Jefferson. Congress made in the Declaration as presented by the committee eighteen suppressions, six additions and ten alterations, many of them, however, not being important. The Declaration was adopted July 4, 1776, by the unanimous vote of twelve states, New York alone not voting. It was afterward ratified by a convention of that state. It was engrossed and signed on Aug. 2d, by all the members present, six signatures be-

ing afterwards added. The signers of the Declaration were:

John Hancock, President of the Congress.

New Hampshire—Josiah Bartlett, William Whipple, Matthew Thornton.

Massachusetts Bay—Samuel Adams, John Adams, Robert Treat Paine, Elbridge Gerry.

Rhode Island—Stephens Hopkins, William Ellery.

Connecticut—Roger Sherman, Samuel Huntington, William Williams, Oliver Wolcott.

New York—William Floyd, Philip Livingstone, Francis Lewis, Lewis Morris.

New Jersey—Richard Stockton, John Witherspoon, Francis Hopkinson, John Hart, Abraham Clark.

Pennsylvania—Robert Morris, Benjamin Rush, Benjamin Franklin, John Morton, George Clymer, James Smith, George Taylor, James Wilson, George Ross.

Delaware—Cæsar Rodney, George Read, Thomas M'Kean.

Maryland—Samuel Chase, William Paca, Thomas Stone, Charles Carroll, of Carrollton.

Virginia—George Wythe, Richard Henry Lee, Thomas Jefferson, Benjamin Harrison, Thomas Nelson, Jr., Francis Lightfoot Lee, Carter Braxton.

North Carolina—William Hooper, Joseph Hewes, John Penn.

South Carolina—Edward Rutledge, Thomas Heyward, Jr., Thomas Lynch, Jr., Arthur Middleton.

Georgia—Button Gwinnet, Lyman Hall, Charles Walton.

(See illustrations opposite pages 1 and 4.)

Declaration of Independence:

Analysis by President Wilson, 7952.

Desk on which it was written presented to United States by heirs of Joseph Coolidge, Jr., 4540.

Letter of Robert C. Winthrop regarding, 4541.

Facsimile of, see illustration opposite 4.

First copperplate of, bequeathed to Congress by Lafayette, letter of son presenting, 1342.

Signers of, 4.

Signing of, see illustration opposite 1.

Text of, 1.

Declaration of Rights.—The earliest general declaration of rights of which we have any official record was that of the Stamp Act Congress in 1765, which published what it called a "Declaration of Rights and Grievances of the Colonists of America." In this document they vigorously protested against the Stamp Act and all other plans to tax them by a parliament in which they had no representation. They demanded all the rights of British subjects. In 1774 the Continental Congress made a similar declaration against later aggressions of Parliament. Declarations of the same character were incorporated in the Declaration of Independence. (See also Bill of Rights.)

Declaration of War.—An announcement or resolution authorized by a country, making known the fact that the country officially declares war upon some other country. In the United States, the power of declaring war is vested in Congress by the Federal Constitution.

Declarations of London.—An extensive code of rules to govern the conduct of naval warfare. They were adopted by an International Naval Conference meeting in London, and were promulgated on February 26, 1909. The agreement was that the declarations were not to become valid until they had been signed by all the great nations, and as by the outbreak of the European War several nations had not yet signed them, they were of no authority during that war. Soon after entering hostilities, Great Britain announced that she intended to abide by the regulations of the Declarations of London, but that announcement was soon withdrawn. The Declarations are largely a codification of existing and previously-recognized rules of naval warfare, but there were also extensions of the protection granted neutrals.

Declarations of London:

Invalid during European War, 8287.

Praised and explained, 8284.

Decoration Day.—The custom of strewing flowers on the graves of their dead soldiers early in the spring of each year originated among the women of the South before the close of the Civil War. In some parts of the North a similar custom grew up, but its observance was not universal. May 5, 1868, while Gen. John A. Logan was commander-in-chief of the Grand Army of the Republic, he issued an order fixing the 30th day of May of that year as a day for the general observance of the custom by members of the Grand Army and their friends. Since that time May 30 had been regularly observed as Decoration Day throughout the country. It is known as Confederate Memorial Day in the South. The particular days observed there are April 26th in Alabama, Florida, Georgia and Mississippi, and May 10th in North Carolina and South Carolina, while Virginia observes May 30th and Louisiana May 3d (Jefferson Davis' birthday) under this title. In all states except Florida, Georgia, Idaho, Louisiana, Mississippi, North Carolina and South Carolina, Tennessee and Texas it is a legal holiday. Congress has by law declared Decoration Day a holiday in the District of Columbia and the territories.

Decoration Day. (See National Cemeteries.)

De Facto and De Jure.—These terms are generally used in connection with the holding of office. One who has actual possession of an office and exercises its functions is said to be an officer *de facto*, or in fact; one who is entitled to an office, but does not actually fill it, is said to be an officer *de jure*, or by right. A *de facto* officer may hold his office without wrongful intent, though without legal sanction, as when there have been technical irregularities in the appointment, or when the law under which he was appointed is afterward declared unconstitutional by the courts. The acts of a *de facto* incumbent are valid as respects third persons and the public generally if the officer holds his position by color of right (that is, with supposed authority based on reasonable grounds), if he holds it with some degree of notoriety, if he is actually in exercise of continuous official acts, or if he is in actual possession of a public office.

Defalcation of Public Officers:

Application of public money for private uses should be made a felony, 1709.

Freedom from, discussed, 5542, 5746.
Inquired into, 2918, 5800.

Defense, Maritime, 301-2. (See also Preparedness.)

Defense Organizations, Treasury Department employees may be appointed to, 8247.

Defenses, Public (see also Forts and Fortifications):
Board to examine and report upon, appointed, 4899.
Coast defenses, conditions of, 6927, 7284.
Correspondence regarding, referred to, 3261.
Council of, recommended, 7697.
Provision for, recommended by President—
Adams, John, 226-7, 230, 243, 246, 262, 266, 268, 282, 297, 301.
Adams, J. Q., 955.
Arthur, 4638, 4724, 4767, 4798, 4833.
Cleveland, 5099, 5878, 5966, 6159.
Grant, 4202, 4271.
Harrison, Benj., 5476, 5550, 5631, 5755.
Hayes, 4571.
Jackson, 1411, 1433.
Jefferson, 317, 373, 407, 416, 421, 447.
Lincoln, 3246.
McKinley, 6449.
Madison, 455, 471, 551.
Monroe, 763, 793.
Roosevelt, 7000, 7113, 7284.
Taft, 7371, 7428, 7471, 7796.
Tyler, 1942, 1943, 1955, 2055.
Washington, 59, 99.
Wilson, 8021, 8022, 8084, 8105, 8106.
(See also Navy, vessels for.)
Referred to, 245, 247, 266, 269, 283, 286, 301, 800, 1807.

Defensive Sea Areas, proclaimed regulated and altered, 8234, 8236, 8240, 8338, 8531.

Deficiency Bill. (See General Deficiency Bill.)

Deficit for 1910, and remedy for, 7422.

De Fuca Explorations. (See San Juan de Fuca Explorations.)

De Jure. (See De Facto and De Jure.)

Delagoa Bay.—The southernmost part of Portuguese East Africa. It is about 70 miles long and 20 miles across. Being partly enclosed by Inyack peninsula it affords the finest harbor on the east coast of Africa. In 1887 Colonel Macmurdo, an American, chartered a company and built a railroad from Lorenzo Marquez, on its shore, to the Transvaal frontier, which was extensively used for transporting gold from the interior. Upon the death of the concessioner the Portuguese government seized the road, and in 1890 the matter was referred to international arbitration. After ten years of litigation the Portuguese were ordered to pay an indemnity of $3,000,000. A British blockade of the port during the Boer war led to international complications.

Delagoa Bay Railway, seizure of, by Portuguese Government, 5470.
Claims regarding, submitted to arbitration, 5546, 6433.

Delaware.—One of the thirteen original states, and next to Rhode Island the smallest in the Union, its total area being 2,370 square miles, of which 405 square miles is water. Nickname,, "The Diamond State"; motto, "Liberty and independence." It is bounded on the north by Pennsylvania, on the east by New Jersey and the Atlantic Ocean (Delaware River and Bay separating it from New Jersey), and on the south and west by Maryland. Delaware is essentially an agricultural State, 85 per cent of its land area being devoted to farming. The crops are corn, wheat and fruit. About 16,000 acres are devoted to raising tomatoes, the canning and shipping of which is a flourishing industry.

Delaware was originally settled by Swedes under Peter Minuit in 1638, passing under the rule of the Dutch in 1655, and of the English in 1664. In 1682 it was united with Pennsylvania. In 1703 it received a separate assembly, but had a governor in common with Pennsylvania until the Revolution. It was the first state to ratify the Federal Constitution, Dec. 7, 1787. Though a slave state, it remained in the Union throughout the Civil War. It is sometimes called the "Blue Hen State" and its citizens the "Blue Hen's Chickens." Its population in 1910 was 202,322. Its estimated population on July 1, 1918, was 217,00.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 10,836, comprising 1,038,806 acres, valued with stock and improvements at $63,179,201. The value of domestic animals, poultry, etc., was $6,817,123, including 3,451,791 cattle, 764,133 mules, 337,910 swine, 36,898 sheep, and 876,081 fowls.

The latest figures for the annual crop production are as follows:

Crop	*Bushels*	*Value*
Corn	7,285,000	$9,900,000
Wheat	1,730,000	3,840,000
Hay (tons)	100,000	2,800,000
Potatoes	957,000	1,340,000
Sweet Potatoes	600,000	750,000

There is also a large production of tomatoes, to which some 16,000 acres are devoted, and of fruit. Delaware ranks second in the quantity of tomatoes produced. Latest figures show 35,000 horses, 6,000 mules, 10,000 sheep, 70,000 pigs, 46,000 milch cows and 23,000 other cattle. There are also oyster and other fisheries.

The census of manufactures in 1914 showed that in that year the number of establishments in Delaware had increased to 808; with 22,155 wage-earners; with $70,000,000 capital invested; paying annually $11,382,000 in wages. Since the European War, these figures will have increased tremendously, as some of the largest powder and ammunition plants in the world are located in Delaware, and their production had increased many-fold with the demand for their products.

The enrollment in the public schools of the state in 1917 was above 37,000, with 1,100 teachers.

Delaware:
Circuit court in, time of holding, 249.
Ratification of amendments to Federal Constitution by, 65-6, 170.
Resolutions of general assembly of, transmitted, 65.

Delaware Bay, erection of piers near, recommended, 786.

Delaware Indians. (See Indian Tribes.)

Delaware River, canal from Chesapeake Bay to. (See Chesapeake and Delaware Canal Co.)

Delegate.—In politics, a person selected by voters of a political district to represent them in convention; or a person selected or appointed as a representative of a territory in the United States Legislature.

Delivery, City. (See City Delivery, Division of.)

Delivery, Rural. (See Division of Rural Delivery.)

Demagogue.—In usual parlance, an orator whose representations and promises are without integrity.

Democracy:
At stake in World War, 8256.
Self-control the foundation of, 8391.
World must be made safe for, 8231.

Democratic Party.—One of the fragments of the disrupted Democratic-Republican party. Andrew Jackson was the leader of the party and the first President elected.

The party favored internal improvements; State banks; removal of deposits from favored banks; a sub-treasury; State rights; free trade; tariff for revenue only; annexation of Texas; the Mexican war; the compromise of 1850; the Monroe Doctrine; the Dred Scott decision; fugitive slave law; acquisition of Cuba; frugal public expenditure. Opposed agitation of the slavery question in any form or place; coercion of the seceded states; Chinese immigration.

From the time of Jackson up to 1860 the Democrats by skillful party management won all the Presidential elections but two—those of 1840 and 1848. They adopted in general the tenets of the Democratic-Republican party (*q. v.*). They carried the country through the war with Mexico, annexed Texas and the Californias, and abolished the United States Bank. With the introduction of the slavery question into politics the party began to lose strength in the North. The Democratic party was always strongest in the South, however. In 1860 the party split into two factions and the Republicans won the election. Then came the Civil War, and though many Democrats supported Lincoln and the Union the party lost power and prestige in the North generally, and the Republicans remained in control until 1884, when war issues had been superseded in the minds of many by economic questions.

The party candidates in 1864 were George B. McClellan, of New Jersey, and George H. Pendleton, of Ohio; in 1868, Horatio Seymour, of New York, and Francis P. Blair, of Missouri; in 1872 the party in convention at Baltimore, July 1, ratified the nominations of the Liberal Republican party (*q. v.*) that had separated from the Republican party and named Horace Greeley, of New York, and B. Gratz Brown, of Missouri, as Presidential candidates. The minority held a convention at Louisville, Kentucky, and nominated Charles O'Conor, who declined. Greeley was unsuccessful. In 1874 the Democrats regained control of the House of Representatives, which they kept until 1880. In 1876 the candidates were Samuel J. Tilden, of New York, and Thomas A. Hendricks, of Indiana. The election was contested (see Electoral Commission), but finally settled in favor of the Republicans. In 1880 the nominees were Winfield S. Hancock, of Pennsylvania, and William S. English, of Indiana. In 1882 the Democrats regained control of the House, and in 1884 elected as their candidates, Grover Cleveland, of New York, and Thomas A. Hendricks, of Indiana, in a campaign made largely upon the personal character and "records" of the opposing candidates. The party was not in full control of the Government, however, as the Republicans held the majority in the Senate. In 1887, by his message to Congress, President Cleveland brought the tariff question to the front, and in 1888, the Democratic candidates, Grover Cleveland, of New York, and Allen G. Thurman, of Ohio, were defeated upon that issue. In that year the party lost control of the House as well. They regained control of the House in 1890, however, and in 1892 the party candidates, Grover Cleveland, of New York, and Adlai E. Stevenson, of Illinois, were elected. The party also gained control of the House and Senate. During this administration the Democrats repealed the Sherman silver purchase act (see Sherman Act), and passed the Gorman-Wilson tariff bill, with an income tax provision which was later declared unconstitutional. A political reaction began in 1893, helped by the commercial depression of that time, and the Democrats lost control of the House in 1894.

The strength of the radical free silver wing of the party now grew steadily, and in 1896 controlled the Chicago convention and nominated William J. Bryan, of Nebraska, and Arthur Sewall, of Maine, on a platform declaring for the free coinage of silver at the ratio of 16 to 1. This resulted in the formation of the National Democratic (Gold Democrats) party, opposed to free silver, which held a convention at Indianapolis and nominated John M. Palmer, of Illinois, and Simon B. Buckner, of Kentucky. This party received no electoral vote but had an important influence on the election by drawing votes from Bryan and Sewall. The nomination of the Democratic candidate was endorsed by the National Silver party, which was made up chiefly of silver Republicans, and Bryan was also nominated by the People's party (*q. v.*). The Democratic party was defeated, its popular vote being 6,509,052 and the electoral vote 176. The Democratic party supported the war measures of the Republican administration in the war with Spain, but disagreed with it as to the settlement of problems growing out of the war, particularly the question of the acquisition of the Philippines. In 1900 the Democrats declared "imperialism" to be the "paramount issue" and favored "an immediate declaration of the nation's purpose to give the Filipinos: (1) a stable form of government; (2) independence; and (3) protection from outside interference." The question of the free coinage of silver also entered into this campaign inasmuch as the party ratified the Chicago platform of 1896, and nominated William J. Bryan for President, and Adlai E. Stevenson for Vice-President. The popular vote was 6,358,729 and the electoral vote 155.

In 1904 free silver was in abeyance and the Democratic candidate declared himself in favor of the gold standard. The party

platform also declared in favor of a promise of future independence for the Filipinos, the reduction of the tariff, and restrictive measures in dealing with trusts. The party candidates were Alton B. Parker, of New York, and Henry G. Davis, of West Virginia, who were unsuccessful, the popular vote being 5,112,565, and the electoral vote 140. In 1908 the National Democratic convention was held in Denver, Colo., July 7 to 10, and nominated William Jennings Bryan, of Nebraska, for President, and John W. Kern, of Indiana, for Vice-President. The platform declared for publicity of campaign contributions, reduction of the tariff on the necessities of life and the admission, duty free, of articles competing with products controlled by trusts, internal improvements and conservation of natural resources, and the exclusion of such Asiatic immigrants as cannot become amalgamated with our population. The Democratic candidate for President received 6,393,182 votes against 7,637,676 for the Republican candidate. The electoral vote was 162 for the Democratic candidate to 321 for the Republican.

The national convention in Baltimore, Md., on June 25, 1912, nominated Woodrow Wilson, governor of New Jersey, for President, and Governor Thomas R. Marshall, of Indiana, for Vice-President. A platform was adopted declaring in favor of a tariff for revenue only; vigorous prosecutions of trusts; popular election of senators; presidential primaries; an adequate navy; revised banking laws; inspection of food and the safeguarding of miners; the full and free exercise by the State of their reserved sovereign rights; income tax; publicity of campaign expenses; supervision and regulation of rates of railroad, express and telephone companies; rural credits and improved waterways; encouragement of merchant marine without bounties; exemption from Panama Canal tolls of American ships engaged in coastwise trade, and forbidding the use of the canal to railroad owned ships in competitive trade; and establishment of parcel post. (See Wilson.)

President Woodrow Wilson and Vice-President Thomas Riley Marshall were renominated, June 16, 1916, by the Democratic National Convention in session at St. Louis, Mo., President Wilson, by a vote of 1092 to 1, with Delegate-at-Large Robert Emmet Burk, of Chicago, casting the dissenting vote; and Vice-President Marshall by acclamation.

The convention adopted the party platform exactly as approved by President Wilson and approved by the resolutions committee, including a plank on Americanism and one favoring woman suffrage by state action.

The platform endorsed the Wilson Administration and called attention to the following achievements: Enactment of the Federal Reserve Act, creation of the Federal Trade Commission, adjustment of the tariff, protection of labor, increase in efficiency of the parcel post, enlargement of postal savings system, the placing of Post Office system on a self-supporting basis, with actual surplus in 1913, 1914 and 1916, and the enactment of legislation instituting economic reforms. The following planks were incorporated in the platform: The Underwood Tariff law was unreservedly endorsed, the doctrine of a tariff for the purpose of providing sufficient revenue for the operation of the government economically administered was reaffirmed and the proposed non-partisan tariff commission was cordially endorsed.

Democratic Party:
Achievements of, 8151.
Assistance of, to American commerce, 8028, 8151.
Continuance in power of, asked, 8627.
Hope of the independent voter, 8026, 8031.
Inconsistencies of, on tariff, 7404.
Opportunities of, for service, 8473.
Progressive spirit of, 8026.
Servant to business interests, 8028.
Success of in 1912, meaning of, 7868.

Democratic-Republican Party.—The chief principles of this party were elucidated by President Thomas Jefferson within his first inaugural address. These tenets be characterized as essential principles of our Government. His definition of the principles of the party is thus expressed: "Equal and exact justice to all men, of whatever state or persuasion, religious or political; peace, commerce, and honest friendship with all nations, entangling alliances with none; the support of the State governments in all their rights, as the most competent administrations for our domestic concerns and the surest bulwarks against anti-republican tendencies; the preservation of the General Government in its whole constitutional vigor, as the sheet anchor of our peace at home and safety abroad; a jealous care of the right of election by the people—a mild and safe corrective of abuses which are lopped by the sword of revolution where peaceable remedies are unprovided; absolute acquiescence in the decisions of the majority, the vital principles of republics, from which is no appeal but to force, the vital principle and immediate parent of despotism; a well-disciplined militia, our best reliance in peace, and for the first moments of war, till regulars may relieve them; the supremacy of the civil over the military authority; economy in the public expense, that labor may be lightly burthened; the honest payment of our debts and sacred preservation of the public faith; encouragement of agriculture, and of commerce as its handmaid; the diffusion of information and arraignment of all abuses at the bar of public reason; freedom of religion; freedom of the press, and freedom of person under the protection of the *habeas corpus*, and trial by juries impartially selected" (page 311).

Sympathy with the French revolutionists in 1789 and a desire that the Government should aid France in her war with England drew a number of disciples to the party entertaining these sentiments. Under the leadership of Thomas Jefferson the party took the name of Democratic-Republican and opposed the Federalists. After Monroe's time it was commonly known as the Democratic party, though previously it had been known as the Republican party. From its inception in 1792 to 1801 it was the party of opposition. When the party got control of the Government it lost sight of some of its tenets, and many of its members at certain times supported measures tending toward nationalization. After the War of 1812 the Democrats had a clear field of operations until the second election of Monroe in 1820. Subsequently dissensions began to appear. Adams and Clay and their followers advocated protection, national aid to internal improvements, and a broader construction of the Constitution. The party split in the campaign of 1824, and never after appeared in a national campaign.

Democratization of Industry urged, 8714, 8817.

Demonetization.—The act of depriving money of its official standard value, whether by direct order of the governing power or by such legislation as would logically bring about the same result; for example, the gold standard advocates believed that the success of the Sixteen to One propaganda in 1896 would amount to the demonetization of gold.

Demun and Chouteau, depredations committed on property of, by Mexicans, 1448.

Denationalize.—To take away the national character or meaning; as in the case of confining a practice to states or localities.

Denatured Alcohol:

Use of, recommended, 7224.

Denmark.—The Kingdom of Denmark consists of a portion of the European mainland and of a neighboring archipelago, with the detached island of Bornholm in the Baltic, and the Faeroes (or Sheep Islands) in the North Atlantic. Its dependencies are Iceland in the Arctic Ocean and the largely unexplored Greenland. The continental portion, or Jutland, occupying the northern extremity of the Cimbrian Peninsula, forms two-thirds of the total area. The northern extremity is The Skaw (Skagen) in 57° 45′ N. latitude, the southern boundary adjoining the German territory of Schleswig-Holstein. The coast is washed on the west by the North Sea, on the north by the Skaggerack and on the east by the Kattegat.

The archipelago lies to the east of Jutland, and consists of three main groups (a) Fünen, with Langeland, Ærö and Taasinge; (b) Zealand (or Sjaelland) with Moën, Falster, Laaland, Samsö, Amager and Saltholm; and (c) Bornholm. Detached from the main groups are Laesö and Anholt, off the eastern coast of northern Jutland. The mainland and the archipelago lie between 54° 33′-57° 45′ N. latitude and 8° 4′ 54″-12° 47′ 25″ E. longitude, to which must be added Bornholm, which lies across 15° E. and between 55°-55° 18′ N. and the Faeroes, a group of 21 islands in the North Sea between Iceland and the Shetlands clustering round the intersection of 7° E. and 62° N.

Physical Features.—The mainland and all the islands of the archipelago are low lying, the highest point being Bavnehoi (565 feet) in Randers and the Himmelbjerg (560 feet) in the Aarhus province of eastern Jutland. In 1825 the North Sea burst through the western coast between the amter of Thisted and Ringkjobing, and the northern provinces of Thisted and Hjorring are thus insular, detached from the remainder of Jutland by a succession of fjords from the North Sea to the Kattegat.

AREA AND POPULATION

Divisions	*Sq. Miles*	*Population*
City of Copenhagen	27	506,390
Baltic Islands	5,117	1,161,163
Peninsula of Jutland	9,898	1,253,809
Faroe Islands	540	19,617
Iceland	39,709	92,000
Greenland	46,740	13,500
Total	102,031	3,046,479

Iceland is united with Denmark by a personal bond of union under the King. Greenland's status is that of a colony.

History.—The ancient Kingdom of Denmark was at the head of the tripartite League of Kolmar (Denmark, Norway and Sweden) from 1397-1448, in which year the death of King Christopher III. led to the election of Count Christian of Oldenburg as King Christian I. of Denmark and Norway, while Sweden seceded from the league. In 1814 Norway became an independent kingdom in union with Sweden. From 1448-1863 the crown was in fact hereditary in the male line of the House of Oldenburg, the hereditary principle becoming recognized by the legislature in 1660. At the death of Frederik VII. without male heirs, in 1863, the Crown fell to Prince Christian of Schleswig-Holstein-Sonderburg-Glücksburg under the terms of a previous convention with the Powers, ratified by Denmark on Jan. 28, 1852. The exclusion by the Salic Law of Duke Christian of Sonderburg Augustenburg from the duchies of Schleswig and Holstein, which formed part of the Kingdom of Denmark, led to the intervention of Austria and Prussia, and to a gallant but hopeless struggle against the overwhelming power of Prussia. The Prusso-Danish war of 1864 deprived Denmark of the two duchies, which became part of Prussia. By the terms of the Peace Treaty of Versailles, that part of the territory lying between Denmark and Germany in which the nationality of the majority of the inhabitants was doubtful was to be divided into three sections, in each of which a referendum was held to determine the future territorial alignment of each section.

Government.—The government is that of a constitutional monarchy under a statute which received the royal sanction on July 28, 1866.

The Constitution is founded on the charter of 1915, which in many respects is like the charter of 1849, which introduced the Constitution into Denmark.

The executive is vested in the Sovereign, aided by a Council of State (Statsraad), which includes all the Ministers.

The Rigsdag consists of two houses, the Landsting and the Folketing, and meets in annual session. The Landsting consists of seventy-two members. They are elected by all electors over thirty-five years of age. The elections are indirect and exclusively proportional, fifty-four members elected from large electoral districts and the remaining eighteen elected by the members of the outgoing House. Members sit for eight years.

The Folketing consists of 140 members elected by universal suffrage, both male and female, of all above the age of 25. Of the members, the capital elects 24, 92 are elected in single member constituencies by simple majorities, one member is elected in the Faroes Islands, and the remaining 23 seats are awarded to those candidates receiving the highest number of votes of those parties which obtained less than their proportional share.

The leading political parties are the Liberals, Socialists, Radicals and Conservatives.

The Kingdom is divided into eighteen counties (Amter), each Amt being under an Amtmann or Civil Administrator, with elective County Councils (Amstraad) and Parish Councils for local affairs. Municipalities have Burgomasters appointed by the Sovereign (except in the capital where the Burgomaster is elective) with elective Municipal Councils.

Justice is administered in hundred-courts for each hundred (herred), or group of hundreds, under a Justice. There is a Supreme Court at Copenhagen, where also there is a Court of Commerce and Navigation. Prospective litigants are first heard

by "Committees of Conciliation" which endeavor to compose matters in dispute without recourse to the Courts of Law, and more than half of the cases are thus settled.

Army.—Service in the National Militia is compulsory and universal for all able-bodied Danes between the years twenty and thirty-six. Peace Effective 13,000 of all ranks, but at certain times of the year 75,000 men are under arms. (See Armies of the World. For Navy see Navies of the World.)

Education.—The educational system is thorough and effective. Primary Education is compulsory and free from seven to fourteen years and the schools (maintained by local taxation) are extremely well attended. Copenhagen University, founded in 1479, and rebuilt in 1836, is attended by some 3,000 students. The State religion is Evangelical Lutheran, of which church the King must be a member.

Production and Industry.—Two-fifths of the population are employed in agriculture and pastoral industries.

Latest figures show the production of the leading crops as follows, in cwts.: Oats, 6,035,000; Potatoes, 5,525,000; Barley, 4,675,000; Mixed grain, 3,250,000; Rye, 3,235,000; Wheat, 1,725,000.

Most recent reports show 545,000 horses; 2,125,000 cattle; 475,000 sheep; 620,000 swine; and 1,000,000 hens.

The industrial population is closely organized and trade unions had a membership in 1910 of close on 150,000, while industrial disputes are frequent. The principal industries are those of marine engineering and shipbuilding; woolens, cottons and linen; sugar refineries; paper mills; and brewing and distilling. The State and private porcelain factories from the deposits of porcelain clay are important.

Late figures show about 100,000 factories and shops, employing some 375,000 men, of whom 250,000 were skilled laborers. There is much production of brandy and beer, of beet-sugar, and of margarine.

The fisheries form an important element of the Danish commercial life. The fishing fleet numbers some 17,000 vessels and the annual value of its catch is about $10,000,000.

Imports are of various kinds. The chief exports are food products.

In recent years, the value of the imports has about equaled that of the exports, in the neighborhod of $350,000,000. About 50 per cent of the trade is with Germany, 25 per cent with the United Kingdom and most of the remainder with Norway and Sweden. In normal pre-war years, the United States exported to Denmark goods valued at $55,000,000 and imported thence goods valued at between $2,000,000 and $3,000,000; but in 1919, the exports to Denmark from the United States amounted to $164,000,000.

Communications.—Latest figures show 2,650 miles of railway, about half of which is Governmental. There are 1,250 post-offices, 200 telegraph offices, 450 railway telegraph offices, 2,260 miles of telegraph (Governmental) wire and 420,000 miles of telephone (partly Governmental) wire.

Shipping.—Denmark has about 4,000 vessels of about 500,000 registered tons. Of these, 536 (340,000 tons) are steamers. About 21,000 vessels of more than 2,000,000 tons visit Danish ports annually.

The Metric System of Weights and Measures is compulsory. The Unit of Currency is the Krone of 100 Ore. The gold coins are 20 and 10 kroner pieces; silver, 2 kroner, 1 krone and 25 and 10 öre; copper, 5, 2 and 1 öre. The krone is equivalent to 26 4/5 cents United States money.

THE FAEROES or Sheep Islands are an integral part of the Kingdom of Denmark. The group consists of twenty-one islands in the North Sea between Iceland and the Shetland Islands, clustering round the intersection of 7° E. longitude, and 62° N. latitude. The islands have belonged to Denmark since 1386 and form a county (Amt) of the kingdom, sending a representative to each house of the Rigsdag at Copenhagen.

ICELAND is a large volcanic and treeless island in the North Atlantic, partly within the Arctic Circle. The island consists of two elevated table-lands, connected by a narrow isthmus, and contains over 100 volcanoes, some of which are still active, the largest being Askja, with a crater thirty-four sq. miles in extent, the most famous Hekla, in the Laki chain, and the highest Oeraefajökull, 6,424 feet above sea level. Iceland was a republic from 930 to 1262 and was afterwards under Norwegian rule for many years, until the establishment of the League of Kalma (see Denmark, History) brought the island under the Danish crown, in the year 1397. The government now rests upon the constitution granted in 1874.

GREENLAND is a vast island-continent, largely within the Arctic Circle, with smaller islands to the north, with a total length of nearly 1,700 miles and an extreme breadth of about 800 miles. The total area is believed to exceed 830,000 square miles, of which the ice-free portion of about 50,000 square miles belongs to Denmark, the trade being a monopoly of the Danish crown. The inhabitants numbered 12,968 in 1911, of whom about 300 were Europeans, the remainder being Eskimos. The principal settlement is Godthaab, on the west coast, and there are about sixty others on the west and southeast coast. The principal exports are seal oil, skins and furs, and fishery products, the imports are breadstuffs and clothing, the import of spirits being prohibited.

Denmark:
Cession of St. Thomas and St. John Islands to United States, treaty regarding, 3777, 3779, 3796, 3886.
Claims of, against United States, 344, 365, 634.
Claims of United States against, 469, 867, 909, 976, 1008, 1044, 1068, 1109, 1157, 1243, 2173, 4462, 5369.
Agreement to submit, to arbitration, 5388.
Award of arbitrator, 5545.
Payment of, 976, 1008, 1068, 1112, 1157, 1243.
Commercial relations with, 1094, 1244, 2812, 2944.
Consuls of United States in, 90, 109.
Convention with, 3996.
Convicts in, banished to United States, 3835.
Copyright privilege extended, by proclamation, 5827.
Referred to, 5874.
Fugitive criminals, failure to negotiate convention with, for surrender of, 4561.

Importation of American products into, degrees placing restrictions upon, 6100.
Minister of, to United States, grade of, raised, 4718.
Naturalization treaty with, 4160, 4193.
Payment of claims of the United States against, 976, 1008, 1068, 1112, 1157, 1243.
Sound dues, treaty regarding, 2867, 2994, 3001.
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Denmark, Treaties with.—The convention of friendship, commerce, and navigation of 1826, containing the most favored-nation clause and permitting freedom of trade and equality as to shipping was abrogated by notice April 15, 1856, and renewed April 11, 1857, except as to sound and belt dues, which were expressly discontinued as to United States vessels from the date of the latter treaty. A claims convention was concluded in 1830 and a Consular convention in 1861. A naturalization treaty was proclaimed in 1873, and trade-mark and copyright privileges were exchanged in 1892 and 1893 respectively. The extradition treaty of 1902 was supplemented by a treaty signed in 1905, extending its provisions to the island possessions of the contracting parties and including the crime of bribery. An agreement was effected by an exchange of notes of June 22 and June 26, 1906, with respect to the protection of industrial designs or models; and the protection of trade-marks in China was effected in the same manner in 1907. International arbitration was agreed to May 18, 1908.

Department of Agriculture. (See Agriculture, Department of.)
Department of Commerce. (See Commerce, Department of.)
Department of the Interior. (See Interior, Department of.)
Department of Justice. (See Justice, Department of.)
Department of Labor. (See Labor, Department of.)
Department of Navy. (See Navy, Department of.)
Department of Post-Office. (See Post-Office, Department of.)
Department of State. (See State, Department of.)
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Departmental Solicitors. (See Solicitors, Departmental.)
Departments, Executive:
Appropriation for inquiry into, asked, 7550.
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Methods of, economy in, 7105.
Dependencies (Insular):
Porto Rico and Philippines discussed, 6720, 6799, 6928, 7017, 7051, 7232, 7299, 7301, 7374, 8110.
Dependent Children, conference on, care of, 7358.
Dependent-Pension Law discussed, 5552, 5762, 5883, 5977.

Deportation.—The act of sending a foreigner out of the country because of his undesirability or unfitness.

Deposits, Public, Removal of.—In 1833 and prior thereto, the public funds of the Government were deposited in the Bank of the United States. President Jackson determined to discontinue this practice and to deposit the funds collected in state banks, while those in the Bank of the United States should be withdrawn as needed. William J. Duane, the Secretary of the Treasury, was opposed to the removal of the funds, particularly before the meeting of Congress. After fruitless effort to have him change his opinion on the subject, the President requested his resignation. It was given, and on the same day, Sept. 23, 1833, Roger B. Taney, the Attorney-General, was appointed Secretary of the Treasury. He promptly made the necessary orders. The Senate passed a resolution of censure of the President and also rejected the nomination of Mr. Taney as Secretary of the Treasury. In a paper which he read to his Cabinet the President gave his reasons for removing the Government funds from the Bank of the United States, 1224.

Deposits, Public, Removal of:
President Jackson's paper to Cabinet on, 1224.
Refuses transmit to Senate, 1255.
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Depredations on Commerce. (See the several powers, claims against.)

Derne Expedition.—Gen. William Eaton, United States consul at Tunis, in 1805, espoused the cause of Hamet, Pasha of Tripoli, against the latter's usurping brother. With the co-operation of the United States naval forces in the Mediterranean, they defeated the usurper at Derne April 27, 1805. After this success a treaty highly favorable to the United States was negotiated with the Pasha.

Desert Lands. (See Lands, Desert.)

Desert State.—Alternative nickname for Utah. (See Mormon State.)

Desertion.—The act of leaving service, especially in the Army or Navy, without honorable discharge.

Desertion, from Army and Navy, 6684.

Des Moines Rapids, act for continuing improvement of, vetoed, 2921.

Des Moines River, acts to quiet title of settlers on lands on, vetoed, 4996, 5412.

Detention Camp.—In military usage, an enclosed or guarded space for the detention by one government of subjects of, or sympathizers with, another government in time of war.

Detroit, The, mentioned, 6365.

Detroit, Mich.:
Civil authority over, recommended, 190.
Lands—
Ceded for post of, 421, 426.
Lying near, referred to, 355.
Memorials for district of, 430.
Town and fort of, surrendered to the British, 500.
Recovery of, referred to, 524.

Detroit (Mich.), Surrender of.—In August, 1812, Col. Proctor, in command of the British troops in Canada, was joined by Gen. Brock with a body of militia and some Indians under Tecumseh. The forces at Sandwich amounted to 1,330 men, 600 of whom were Indians. Gen. Hull, in command at Fort Detroit, on the opposite side of the river, had 1,000 men available for duty. Aug. 16 the British sent a party of Indians and regulars across the river to assault the works. Hull surrendered the fort and the whole territory of Michigan, of which he was governor, without the discharge of a gun. About 2,000 men in all became prisoners of war. During the firing by the British 7 Americans were killed and several wounded. Gen. Hull was afterwards convicted of cowardice by a court-martial and condemned to death, but was pardoned by President Madison in consideration of his age and his services in the Revolutionary War. Subsequent investigations greatly modified the blame attached to Gen. Hull.

Deutschland.—The first German submarine to cross the Atlantic Ocean. In July, 1916, it arrived at Baltimore after a trip of sixteen days from Bremen. The *Deutschland* officers claimed to have traveled only ninety miles of the trip under water, although one whole night was spent motionless on the bottom of the ocean because of rough weather. The vessel was strictly a merchant ship, carrying a load of dye-stuffs to the United States, and was not armed in any fashion. It was 315 feet long, with a beam of thirty feet. Its engines were oil-burning, and it had enough oil unused after docking in Baltimore to carry it back to Germany. Of a tonnage of 791, its speed on the surface was 14 knots and under the surface 7 knots. It was submergible to a depth of 300 feet and could remain under the water for four days. A supposed sister-submarine, the *Bremen*, never completed its predicted voyage to America, although the *Deutschland* returned for a second trip, docking at New London, Connecticut. (See Submarines, and illustration opposite 8474.)

Devils Lake Reservation, N. Dak., right of way for railroad through bill for, 4952, 5177.
Settlement rights given in, 6882.

Diamond State.—Nickname for Delaware (q. v.), (See also States); sometimes also nicknamed the Blue Hen State.

Dime.—The smallest piece of silver now coined by the United States. In value it is the tenth part of a dollar. The word is taken from the French dixième, one-tenth, and was spelled "disme" on some of the first coins. Authorized in 1792 with a weight of 41.6 grains, it was afterwards (in 1853) reduced to 38.4 grains. The first dimes were issued in 1796.

Dingley Tariff Act.—The tariff act passed in 1897. (See Tariff.)

Dingley Tariff Act, revision of, recommended, 7379, 7393, 7395.

Dinosaur National Monument, 8087.

Diplomacy:
Commercial character of, 7771.
Ineffective without military power, 7372.
Open and public, necessity of, 8422, 8423.
Secret, denounced, 8230.

Diplomatic Agents. (See Consuls; Ministers.)

Diplomatic and Consular Service.—The officers of the foreign service of the United States are divided into two branches, diplomatic and consular. Ambassadors—The former, called in general ambassadors, diplomatic agents, includes envoys extraordinary, ministers plenipotentiary, ministers resident and secretaries of legation. The first may be appointed for special purposes, but the title is usually added to that of ministers plenipotentiary. These ambassadors have the right to negotiate treaties and generally to represent our government in the state to which they are sent. They are sent only to great nations. Ministers resident are accredited to less important nations, but their powers are about the same as those of ministers plenipotentiary. Secretaries of legation are appointed to assist principal ambassadors.

For a list of the ambassadors to and from the United States, consult Ambassadors. See also Ministers.

Consuls.—Consular officers include consuls-general, consuls and commercial agents. Their chief duties and powers are connected with our commercial interests, to protect ships, seamen and other Americans, to send home destitute seamen, and to give certificates for various purposes. They are sent to the principal ports or markets of a country. Some diplomatic powers also attach to their office, and in non-Christian countries they have sometimes the right, by treaty, to act in a judicial capacity between citizens of the United States.

A consul-general has jurisdiction over several consuls. Commercial agents are accredited to smaller places. The various diplomatic and consular officers are appointed by the President and confirmed by the Senate. The highest salary is $17,500, paid to ambassadors to great powers and the lowest is $2,000, paid to consuls at unimportant ports. Officers of the foreign service are under the control and direction of the State Department.

Diplomatic Appointments, State Department.—The Bureau of Appointments in the Department of State has charge over applications, examinations, and appointments to the diplomatic service. It issues and files extradition warrants, and also has custody of the Great Seal of United States. It is

controlled by both the assistant and the third assistant secretary of state. (See State Department; Seal of United States; Diplomatic Service.)

Diplomatic Bureau, State Department.—This bureau was organized by the President on August 29, 1833, on the recommendation of Secretary of State McLane. It has administration over the diplomatic service at large—its staffs, the ceremonies attending the making of treaties, the preparation of diplomatic correspondence with foreign governments, and other miscellaneous matters of diplomatic importance. Together with the Consular Bureau (q. v.), it is the oldest bureau in the Department of State, and it is under the supervision of the second assistant secretary of state (q. v.). (See State Department.)

Diplomatic Negotiations, Breaking of.—In the history of the United States, severance of diplomatic relations has always been followed by war, although not always directly. In the summer of 1796, France suspended the functions of her minister to the United States, although he remained in the country to observe conditions. Pinckney succeeded Monroe as minister to France in December, 1796, but the French Government refused to receive him, and he obeyed a hint to return to his country in February, 1797. The first actual conflict between the two countries occurred in February, 1799. In 1809, the English minister to the United States was told that no further communication would be received from him by the United States Government. His successor was appointed later, and did not return to England until after war had formally been declared. In the meantime, the American minister to England, Pinckney, had left England in 1811. In the war with Mexico, the Mexican minister demanded his passports on March 6, 1845, and the American minister to Mexico was informed that diplomatic negotiations were at an end on March 28, 1845. War was declared on May 12, 1846. In the war with Spain, the Spanish and American ministers did not leave their respective posts until after war had formally been declared on April 19, 1898. On Feb. 2, 1917, Ambassador von Bernstorff from Germany was handed his passports, and the American ambassador, Gerard, was ordered at the same time to apply for his passports from Germany, although it was not until April 6, 1917, that war was formally announced. With respect to the difficulties with Mexico beginning in the early days of Wilson's first administration, diplomatic negotiations were never severed, although they did not remain dignified by the presence of ambassadors themselves in Washington and Mexico City.

Diplomatic Service. (See Consular and Diplomatic Service.)

"Direct Action" condemned, 8819.

Direct Election of U. S. Senators.—A joint resolution providing for the direct election of senators was introduced in the second session of the Sixty-first Congress. It passed the House, but on Feb. 28, 1911, was defeated in the Senate by four votes. The joint resolution was reintroduced in the first session of the Sixty-second Congress, and on April 14, 1911, it passed the House of Representatives by a vote of 296 to 16. On June 12th the Senate passed the resolution with an amendment placing the control of federal elections under state government. The bill was then sent to a conference committee whence it had not emerged when Congress adjourned, so that it failed to become law. In several states, notably California, Kansas, Minnesota, Montana, New Jersey, Ohio and Wisconsin, the legislatures enacted laws providing for the Oregon plan of pledging candidates to the legislature to vote for the people's choice for United States Senators, as indicated in the general primary election to be held previously.

This method of expressing a choice for United States Senators was unsatisfactory, as it was not general and also because members of state legislatures were not bound by such expression of preference, and looked upon the vote merely as a recommendation, which they were at liberty to follow or disregard at pleasure.

The Sixty-second Congress, at its second session, adopted a joint resolution proposing an amendment to the constitution, making the election of United States Senators by direct vote of the people compulsory. This was ratified by a sufficient number of states (36) and declared in force May 31, 1913, being the seventeenth amendment to the Constitution. For text of the amendment, see the Constitution, Volume I.

Direct Nominations of Presidential Candidates. (See Presidential Primaries.)

Directorates, Interlocking, question of, discussed, 7917.

Director-General of Railroads, appointed and powers of, outlined, 8410, 8411, 8686.

Director of Bureau of Engraving and Printing. (See Engraving and Printing, Bureau of.)

Director of the Consular Service, Department of State.—This office was created in 1910, and carries a yearly salary of $4,500. The director of the consular service is ranked after the counselor and assistant secretary of state, along with the second and third assistant secretaries of state and the solicitor to the department. He has charge of the Consular Bureau (q. v.), Consular Appointments (q. v.), the Emergency Fund, and Trade Information and Publicity (q. v.). (See Consular Service; State Department.)

Director of the Mint. (See Mint.)

Direct Taxes. (See Taxation; Taxes.)

Disability-Pension Act discussed, 5552, 5762, 5883, 5977.

Disarmament. (See Arbitration (International.)

Disarmament, result of, forecast, 6922, 6993.

Discontent, Preachers of. (See Agitators.)

Discretionary Powers of President. (See Executive Nominations; President; Removing from Office.)

Discriminating Duties. (See Vessels, Foreign tonnage on.)

Diseases, Contagious. (See Cholera; Contagious Diseases; International Sanitary Conference; Plague; Quarantine Regulations; Yellow Fever.)

Diseases of Animals. (See Animals and Animal Products.)

Dishonesty in Business, denounced, 7140.

Disloyalty among American citizens, denounced by President Wilson, 8114, 8120, 8154.

Dispatch-Boat.—A vessel used for transporting communications.

Distilled Spirits (see also Liquors):
- Sale of, in Siam by Americans, 4170.
- Sale of, to Indians, recommendations regarding, 322, 6167.
- Sale of, in Manila, information concerning transmitted, 6413.
- Tax on—Discussed by President—
  - Arthur, 4723, 4765, 4831.
  - Harrison, Benj., 5474.
  - Washington, 91, 97, 104, 116-7, 119, 122, 125-6, 142, 150-9.
  - Division of United States into districts for collection of, 91, 97, 104, 126.
  - Laws for raising. (See Revenue, Public.)
  - Removal of, on spirits used in arts and manufactures discussed, 5474.

District.—A name applied in the United States to those portions of territory which are without elective or representative institutions—for instance, the District of Columbia. South Carolina counties were formerly called districts. From 1804 to 1812 that portion of the Louisiana purchase lying north of the northern boundary of the present state was called the District of Louisiana. Before their admission as states Kentucky and Maine were called districts, respectively of Virginia and Massachusetts. The name "district" is also applied to those divisions of a state grouping certain counties or wards into separate Congressional districts for the election of Representatives in Congress.

District Attorneys. (See Attorneys, District.)

District Courts. (See Courts, Federal.)

District of Columbia.—Congress is authorized by the Constitution to "exercise exclusive legislation in all cases whatsoever over such district (not exceeding ten miles square) as may, by cession of particular states and the acceptance of Congress, become the seat of the Government of the United States." July 16, 1790, after a long and bitter discussion, a district ten miles square lying on both sides of the Potomac River was selected. Maryland ceded sixty-four square miles on the north bank of the river and Virginia thirty-six square miles on the south bank. The District was first called the Territory of Columbia. The seat of Government was removed thither by 1800. July 9, 1846, the portion south of the Potomac was ceded back to Virginia.

For a time the superintendence of the District of Columbia was in the hands of three commissioners, but in 1802 Washington was incorporated and its government was placed in the hands of the people, with a president and a council, the former appointed by the President. In 1820 a mayor, to be elected by the people, was substituted for the president. From 1871 to 1874 the District had a Territorial government, the upper house and the governor being appointed by the President and the lower house selected by the people. This was found to be unsatisfactory, and in 1874, Congress provided for a board of three commissioners to take charge of all matters pertaining to the District government.

June 11, 1878, Congress provided for a permanent government, consisting of three commissioners, two to be appointed from civil life by the President, the third to be detailed from the officers of the Engineer Corps of the Army. The area is sixty-nine square miles, practically all included in the City of Washington; population (1910), 331,069, of whom about 97,000 were negroes. The population was estimated in 1919 at 450,000, of which 125,000 were negroes.

Latest figures show 43,345 white school children, with 1,260 teachers and 18,191 negro children, with 595 negro teachers. There are seven public high schools and two normal schools. Washington contains George Washington University, Georgetown University, the Catholic University of America and Howard University (for negroes).

The last assessed valuation of real estate amounted to $410,000,000, with personal property placed at $258,500,000.

The 1914 census of manufactures showed industries with capital investment of $41,000,000, more than 2,000 officials and 9,000 wage-earners, and an annual output of some $29,000,000. In 1918, there were 44 banks, with aggregate resources of more than $182,000,000. (See also Washington.)

District of Columbia (see also Washington City):
- Act—
  - Fixing rate of interest on arrearages of taxes due in, returned, 5502.
  - For promotion of anatomical science and to prevent desecration of graves vetoed, 4998.
  - Prescribing times for sales and for notice of sales of property in, for taxes returned, 5212.
  - Prohibiting bookmaking and pool selling in, vetoed, 5528.
    - Referred to, 5551.
  - Providing for recording deeds, etc., in, vetoed, 4335.
  - Respecting circulation of bank notes in, vetoed, 3288.
  - To abolish board of commissioners of police, in, etc., vetoed, 4384.
  - To authorize reassessment of water-main taxes or assessments in, returned, 6102.
  - To pay moneys collected under direct tax of 1861 to States, Territories, and, vetoed, 5422.
  - To punish unlawful appropriation of property of another in, returned, 5672.
  - To regulate elective franchise in, vetoed, 3670.

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Alleys of, 6650.
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Deputy marshals, bailiffs, etc., in, compensation to, referred to, 3664.
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Financial condition of, 7548.
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Disunionist.—A person who favored secession during the Civil War.

Division of Accounts and Disbursements. (See Accounts and Disbursements, Division of.)

Division of Dead Letters, Post-Office Department.—"Dead letters" is a generic term used to cover all pieces of mail matter which cannot be directly delivered because of faulty directions. Provision for handling such mail matter was begun in 1825. In 1916, 10,839,890 pieces were turned into this division, of which 3,667,194 were delivered, 111,485 were filed, 7,091,436 were destroyed, and 41,775 reserved for later treatment. Checks, drafts, money orders and other valuable paper found inside "dead letters" and returned to their owners in 1916 amounted to $2,303,119.56. Under certain conditions, undeliverable merchandise is sold, and undeliverable currency is removed from letters turned into this division. Letters which have been advertised are obtainable only at an additional premium of one cent each, from which and other sources there was obtained in 1916 $64,665.69, making the division of dead letters almost self-supporting. An act of July 28, 1916 reduces the time during which letters with valuable enclosures must be held from the previous requirement of 4 years to 1 year. (See Post-Office Department; Postal Service.)

Division of Finance, Post-Office Department.—This division is under the supervision of the third assistant postmaster-general (q. v.). In a recent fiscal year the receipts of the Postoffice Department were $437,150,212 and the expenditures, $454,322,609. The chief sources of revenue were:—

Stamped Paper	$379,587,312
Second-Class Postage	25,100,320
Third and Fourth Class Postage	12,960,475
Money Order Revenues	10,313,741
Box Rentals	6,144,544
Postal Savings Revenues	2,430,000

The chief expenditures were:

Assistant Postmasters and Clerks, Salaries	$102,318,558
Rural Delivery Carriers	75,793,771
Railroad Transportation	70,714,391
City Delivery Carriers	62,840,832
Postmasters' Salaries	40,108,080
Railway Mail Service	38,710,992
Star Route Service	11,505,031
Vehicle Service, Cities	11,106,551

(See Post-Office Department; Mail Matter; Postal Service; Division of Stamps.)

Division Miscellaneous Transportation, Post-Office Department.—This division is under the direct supervision of the second assistant postmaster-general (q. v.). Mail transportation by electric and cable cars comprises 571 routes, covering 8,106 miles and an annual travel of 12,869,216 miles. Appropriations for this branch of the service in 1917 were $660,000. Wagon service comprises routes to the extent of 1,380 miles and an annual travel of 5,494,556 miles. Appropriations for this method of carrying the mail in 1917 were $2,905,000. On July 1, 1916, the first assistant postmaster general assumed the supervision of wagon service, as it comes under the head of urban delivery. The first assistant postmaster-general also assumed charge on the same date of pneumatic tube service, for which the appropriations in 1916 were $966,800; and of the mail messenger service, for which $2,160,000 was appropriated in 1916 to cover the 8,027 routes, 5,571 miles in length, and of an annual travel of 12,410,098 miles. The steamboat service comprises 260 routes, covering 32,481 miles, with an annual travel of 5,470,272 miles. For steamboat service the 1917 appropriations were $1,060,000. The Alaska star service comprises 21 routes, covering 4,544 miles, with an annual travel of 249,321 miles, and carrying an appropriation for 1916 of $305,100. (See Post-Office Department; Assistant Postmasters-General; Postal Service.)

Division of Money Orders, Post-Office Department.—Money orders were first utilized in 1864, by Postmaster-General Blair, in order to accommodate Union soldiers who wished to send small sums of money to their homes. The supervision of money orders is now in the hands of the third assistant postmaster-general (q. v.). There were in operation, in 1916, 56,026 domestic money order offices and 11,518 international money order offices. Domestic orders issued in 1916 amounted in number to 121,663,818, and in amount to $719,364,950.46, an average of $5.91 per money order. The fees collected on these orders amounted to $6,718,550.45. Of international money orders there were issued 3,011,097, totalling $46,351,386.34, an average of $15.40. Although money orders are invalid one year from the last day of the month in which they are issued, yet they may be collected after the expiration of the time limit by special procedure. The fees are graded, as follows: On orders up to $2.50, 3 cents; between $2.50 and $5.00, 5 cents; between $5.00 and $10.00, 8 cents; between $10.00 and $20.00, 10 cents; between $20.00 and $30.00, 12 cents, up to orders between $75.00 and $100.00, 30 cents. (See Post-Office Department; Postal System.)

For the fiscal year ending June 30, 1917, there were issued on domestic forms 133,291,973 money orders, totalling $822,679,622; on international forms, 1,973,714, amounting to $32,284,183. International money orders paid were 251,817, amounting to $4,796,558.

Division of Naval Militia Affairs. (See Naval Militia.)

Division of Postal Savings, Post-Office Department. (See Postal Savings Banks.)

Division of Postmasters' Appointments. (See Appointments, Division of Postmasters'.)

Division of Post-Office Service.—In 1825, the Government delivered letters at a cost of two cents each to the person who received them. In 1836, newspapers and pamphlets were delivered in the same fashion at a cost of one-half cent each. Free delivery service in cities of more than 50,000 population was established under Lincoln's administration in 1863. In 1917, there were 34,114 letter-carriers, with an average salary of $1,115.46 yearly; there were 40,127 clerks in the city delivery service, earning an average yearly salary of $1,093.44. The division of post-office service falls under the supervision of the first assistant postmaster-general, and includes city parcel post delivery. (See Post-Office Department; First Assistant Postmaster-General; Postal Service.)

Division Railway Adjustment, Post-Office Department.—This bureau has charge of the adjustment of rates paid to the railways for the transportation of the United States mails, and is directed by the second assistant postmaster-general (q. v.). An act of Congress in 1916 makes provision for a readjustment of the rates on a basis of space, new rates to be determined by the Interstate Commerce Commission (q. v.). (See Post-Office Department; Postal Service; Railway Mail Service.)

Division of Publications. (See Publications, Division of.)

Division of Registered Mails, Post-Office Department.—This division of the postal service is directed by the third assistant postmaster-general (q. v.), and includes insurance on mail matter and collections on delivery. Registered letters were first provided for in 1855. In the fiscal year ending June 30, 1916, there were 39,236,569 registrations of mail matter, on which the fees amounted to $3,427,083.10; 24,936,082 pieces of mail matter were insured, bringing in fees of $1,067,192.29; and of collections on delivery, a feature confined to the parcel post system, there were 6,300,546, carrying fees of $630,054.60. The division of registered mails also attends to indemnity claims, which in most cases are settled within ten days of the receipt of the claim. In 1916, there were 33,032 claims approved, and $231,047.73 was appropriated to meet them, an average of $7.00 per piece of mail. The registry fee is 10 cents. (See Post-Office Department; Postal Service.)

Division of Rural Mails, Post-Office Department.—Rural free delivery was begun in 1897, and was definitely established on a large scale in 1902. It falls under the supervision of the fourth assistant postmaster-general (q. v.). After the delivery of second-class matter, the rural free delivery is the most costly branch of the government postal service, but all postmasters-general speak of it as possibly the most serviceable part of the postal system. The estab-

lishment of new routes is determined by the postmaster-general, usually after a petition signed by at least 150 persons, who must represent 75 per cent of the families along the proposed route. In 1916, the rural free delivery served 5,719,062 families, containing 26,307,686 persons, at a cost of $51,715,616; but it is estimated that in that year there were still 2,000,000 families without any postal facilities. The rural free delivery routes in 1916 comprised 42,927 routes, covering 1,091,852 miles, the average route being 25.435 miles. In that year there were 42,766 carriers, whose average salary was $1,162.50. Within this division fall also the "Star Routes" (q. v.). (See Post-Office Department; Postal Service.)

Division of Stamps, Post-Office Department.—This division is under the third assistant postmaster-general (q. v.). In 1916, revenue from stamped paper was $277,728,025.20, and the report of the postmaster-general for 1916 estimates that the revenue for 1917 will amount to $300,000,000. In 1857 the per capita consumption of stamped paper was $.19; in 1916 it was $2.68. During this period, the population increased at a rate of 257 per cent, and the consumption of stamped paper at a rate of 4,968 per cent. In 1916 there were issued to the various postmasters throughout the country postage stamps, post cards, stamped envelopes, newspaper wrappings, international reply coupons, postal savings cards and stamps to the number of 14,650,243,326. (See Postage Stamps; Post-Office Department.)

Divorce.—The fact that an American couple may be regarded as man and wife in one state while divorced in another, or as never married at all in a third state has long been noted. Laws providing for the dissolution of the marriage tie exist in all the states, except South Carolina. In that state divorce is not granted on any grounds whatsoever, either by courts of justice or by acts of the legislature. In all other states infidelity and violation of the marriage vows are recognized as valid grounds for divorce. In New York adultery alone is a valid ground for absolute divorce. Impotence or physical inability in almost all states either justifies divorce or renders the marriage voidable.

There are thirty-five different causes for absolute divorce recognized in the different states. The principal grounds generally recognized are: infidelity, violation of marriage vows, willful desertion; habitual drunkenness; conviction of felony; intolerable, extreme, or repeated cruelty; desertion. Condonation, collusion, or connivance, with the purpose of procuring a divorce, is in all states regarded as a bar to the dissolution of marriage.

In the case of Haddock vs. Haddock, it was decided by the United States Supreme Court in 1906, four justices dissenting, that a divorce granted in a state where the defendant is not domiciled, without personal service of process or a voluntary appearance by the defendant, though valid in the state where decreed, need not be recognized by any other state.

This law was adopted by Delaware and New Jersey in 1907.

In 1889, the Commissioner of Labor made a report of the statistics of divorce covering the period of twenty years, 1867-1886. He showed that whereas in 1867 there were only 9,937 divorces recorded, there were during the last year considered, 25,535, an increase of 157 per cent, while the population increased only about 60 per cent. The total number of divorces recorded during the twenty years was 328,716. The ratio of divorces to marriages was in 1900 one divorce to each 15.4 marriages, and was at another period as high as one to every 8.5 marriages for the entire country and as high as one to every 5.7 for a single state.

In 1908 another report on marriage and divorce was made by the Census Bureau. This covered the twenty years 1887-1906. The total number of divorces reported for this period was 945,625, as compared with the 328,716 for the previous twenty years. These figures indicate about one divorce in every twelve marriages, and that the divorce rate is higher in the United States than in any other country supplying statistics. Two-thirds of the divorces during forty years were granted the wife. Only 3.9 per cent of the entire number for the last twenty years were granted solely on account of intemperance. The annual average rate of divorces in the United States was seventy-three to each 100,000 of population, Japan 215 divorces to each 100,000 of population, and Austria only one. Next to the United States comes Switzerland with thirty-two, followed by Saxony with an annual average of twenty-nine to each 100,000 of population. (See also Marriage, Divorce and Polygamy.)

The most recent report of the Census Bureau on Divorce covers the calendar year 1916, with the exception of 95 counties not reporting. The findings of divorces in 1916 may be thus summarized:

Total number	112,036
In 1906	72,062
In 1896	42,937
Increase, 1916 over 1906	60%
Increase, 1906 over 1896	68%
Divorces granted husband	31%
Divorces granted wife	69%
Causes of divorce—	
Adultery	12%
Cruelty	28%
Desertion	37%
Drunkenness	3%
Neglect to provide	5%
Combinations of above causes	9%
All other causes	6%
Cases with children	38%
Cases without children	52%
Not reporting as to children	10%
Divorces granted husband—	
Desertion	50%
Adultery	20%
Cruelty	17%
All other causes	13%
Divorces granted wife—	
Cruelty	33%
Desertion	31%
Adultery	8%
Neglect to provide	7%
All other causes	21%
Divorces in which alimony is asked	20%
Divorces in which alimony is given	15%
Marriages, 1916	1,040,778
Percentage of divorces to marriages	11%

According to the number of persons married, the number of divorces is proportionately greatest in the states of Nevada, Montana, Oregon, Arizona, Washington, Arkansas and Indiana. It is least in the District of Columbia, North Carolina, New York and New Jersey. As a general tendency, the proportionate number of divorces is greatest in the Western states and lowest in the Eastern states.

France has a percentage of 23 divorces per 100,000 persons; Germany, 15; Belgium, 11; Italy, 3; and England, 2.

The greatest increase in the reasons assigned for divorces are in cruelty and neglect to provide.

In 13 per cent of divorces, the time between marriage and separation is less than one year; in 14 per cent, one year; in 9.9 per cent, two years; in 6 per cent, five years. In 13 per cent, the time between separation and divorce was less than one year; in 22 per cent, one year; in 18½ per cent, two years; in 6.4 per cent, five years.

Of divorces granted, 5.2 per cent are granted when the couples have been married a year or less; 6.8 per cent when they have been married two years; 8.1 per cent, three years; 8.2 per cent, four years; 7.6 per cent, five years; 7 per cent, six years; 6.3 per cent, seven years; 5.6 per cent, eight years; 4.9 per cent, nine years; 4.5 per cent, ten years.

Divorce, uniform laws on, advocated, 6942, 7048.

Dixie.—A term applied originally to New York City when slavery existed there. According to the myth or legend, a person named Dixie owned a large tract of land on Manhattan Island and a large number of slaves. As Dixie's slaves increased beyond the requirements of the plantation many were sent to distant parts. Naturally the deported negroes looked upon their early home as a place of real and abiding happiness, as did those from the "Ole Virginny" of later days. Hence Dixie became the synonym for a locality where the negroes lived happy and contented lives. In the south Dixie is taken to mean the southern states. There the word is supposed to have been derived from Mason and Dixon's line, formerly dividing the free and slave states. It is said to have first come into use there when Texas joined the Union, and the negroes sang of it as Dixie. It has been the subject of several popular songs, notably that of Albert Pike, "Southrons, hear your country's call"; that of T. M. Cooley, "Away Down South where grows the cotton," and that of Dan Emmett, the refrain usually containing the word "Dixie," or the words "Dixie's Land." During the Civil War the tune of Dixie was to the southern people what Yankee Doodle had always been to the people of the whole Union and what it continued in war times to be to the northern people, the comic national air.

Dixie Highway.—One of the national road movements developed during the year 1915. It was officially launched at the conference of Governors of the States interested called to meet at Chattanooga, Tenn., April 3, 1915, by Governor Samuel Ralston, of Indiana. The system of highways, as designated by two commissioners, each appointed by the Governors of the States of Michigan, Illinois, Indiana, Ohio, Kentucky, Tennessee, Georgia and Florida, consists of two divisions and one loop each in the States of Michigan and Florida, with connecting links. The western division starts at Chicago, and is routed through the cities of Danville, Ill.; Indianapolis, Ind.; Louisville, Ky.; Nashville and Chattanooga, Tenn.; Rome, Atlanta and Macon, Ga.; Tallahassee, Kissimee, Bartow and Jupiter, Fla., where it connects with the eastern division. Indianapolis, Ind., is connected with a loop around the State of Michigan at South Bend, Ind. Joining the eastern end of the Michigan loop, which follows Lake Huron to Detroit, the eastern division of the highway is routed through the cities of Monroe, Mich.; Toledo, Dayton and Cincinnati, Ohio; Lexington, Ky.; Cumberland Gap and Knoxville, Tenn., to Chattanooga; thence to Atlanta, Ga., via Dalton; thence to Macon, via McDonough; thence to Jacksonville, Fla., via Fitzgerald and Waycross, Ga., and along the east coast of Florida to Miami. A connecting link from Indianapolis on the western division to Dayton, Ohio, on the eastern division, and from Tallahassee, Fla., on the western division, to Jacksonville, Fla., on the eastern division has also been designated.

The Dixie Highway has a total mileage of 4,206. In the eight States it traverses 163 counties. It will serve a territory with a population of almost forty million. There are over eight hundred thousand automobile owners in this territory, from which the Dixie Highway can reasonably expect to attract tourists.

Dixie, The, mentioned, 6318, 6765, 6766, 6835.

Dobruja.—A region of the Balkans, bordering on the northwest shore of the Black Sea. The Danube separates it on the north from Bessarabia (q. v.), and on the west from Rumania; on the south it borders on Bulgaria and its eastern boundary is formed by the Black Sea. When Rumania obtained Dobruja in 1878 by the terms of the Treaty of Berlin, it consisted of about 6,000 square miles, with a population of some 150,000. As a result of the Treaty of Bucharest in 1913, which closed the Second Balkan War, Rumania obtained from Bulgaria a large increase to the territory of Dobruja, bringing its total area to 9,500 square miles and its population to 400,000. The country contains valuable petroleum deposits, but the chief pursuit is farming, the soil being very rich. By the terms of peace arranged between the Central Powers and Rumania in 1918, that part of Dobruja which was ceded by Bulgaria in 1913 was returned to that country, and the remainder passed into the control of the Central Powers. The population of the Dobruja is extremely mixed.

Dock Yards for construction of large vessels, recommended, 600.

Appropriations for building, should be separated from those of naval service, 2625, 2670.

Construction of—

Appropriation for, recommended, 769, 1335.

Discussed, 333, 335, 2669.

Referred to, 769, 985, 2414.

Site for, 318, 934.

Report of commission to select, transmitted, 5566, 5650.

Spanish war vessels repaired at American, 4005.

Superintendents for, 318.

Dodecanese.—A group of islands off the southwest coast of Asia Minor. They were captured from Turkey by Italian forces in the Turco-Italian War of 1912-13, but were claimed by Greece on the grounds of nationality.

Dollar.—Derived from *daler* or *thaler*. The American silver dollar is modeled after the Spanish milled dollar. It was authorized by an act of Congress passed in 1792, which declared 371¼ grains of pure silver to be equal to 24¾ grains of pure gold and each equivalent to a dollar of account. It was made the unit of value. The silver dollar was first coined in 1794 and weighed 416 grains, 371¼ grains being of silver and

the remainder alloy. In 1837 the weight was reduced to 412½ grains by decreasing the weight of alloy. In 1873 provision was made for a dollar of 420 grains for use in trade with China and Japan known as the "trade dollar." The gold dollar was issued under the act of March 3, 1849. Its coinage was discontinued in 1890. The coinage act of Feb. 12, 1873, tacitly suspended the coinage of silver dollars (except the trade dollar) and made the gold dollar the standard of value. The act of Feb. 28, 1878, authorized the Secretary of the Treasury to purchase each month, at market value, not less than $2,000,000 and not more than $4,000,000 worth of bullion, to be coined into silver dollars of 412½ grains each. This act was repealed by the act of June 14, 1890. By act of 1900, the gold dollar again became the standard of value in this country. (See Coinage Laws; Coins and Coinage.)

"Dolphin", paymaster and boat's crew of, arrested at Tampico, 7935.

Dolphin, The (British cruiser), seizure of the *Catherine* by, discussed, 2070.

Dolphin, The (United States brig), seizure of the *Echo* by, discussed, 3058.

Dolphin, The (United States dispatch boat), contract regarding construction of, discussed, 4935.

Dominican Republic. (See Santo Domingo.)

Dominion State.—Formerly a nickname for New Jersey. (See Red Mud State.)

Doorkeeper.—By an act of March 3, 1805, the designation of Doorkeeper of the Senate was changed to Sergeant-at-Arms. He executes all orders relating to decorum and is officially charged with all matters relating to the keeping of the doors of the Senate. He orders persons into custody and makes arrests by direction of the Senate. The duties of the Doorkeeper of the House of Representatives are varied and complicated. Under the rules of the House he is required to enforce the rules relating to the privileges of the floor, and is responsible for the conduct of his employees—messengers, pages, laborers, etc. He also has charge of all the property of the House. He reports to Congress annually the amount of United States property in his possession, also the number of public documents in his possession subject to order of members of Congress. He has more patronage than any other officer of the House. The appointments made by him number between 160 and 200.

Dorr's Rebellion.—A forcible effort to overthrow the State government of Rhode Island in 1840-1842. After the Declaration of Independence Rhode Island retained her original colonial charter, which provided for only limited suffrage. Many of the citizens were dissatisfied with the State government. In October, 1841, a convention of delegates prepared a constitution. This was submitted to popular vote and, it was claimed, received a majority of the votes cast. The established government considered these efforts to be little short of criminal. A legislature elected under the new constitution assembled at Newport May 3, 1842, with Thomas W. Dorr as governor. Governor King proclaimed martial law. The Dorr party offered armed resistance, but their forces were dispersed and Dorr fled the State. Returning, he again offered resistance to the State authorities, but was captured, tried, and convicted of treason. He was pardoned in 1852. In September, 1842, a State convention adopted a constitution which embodied nearly every provision that had been advocated by Dorr and his followers.

Dorr's Rebellion:
- Correspondence regarding, 2139.
- Discussed, 2136.

Doughface.—A term first applied by John Randolph, of Virginia, to northern Congressmen who supported the Missouri Compromise of 1820. It was intended to apply to those who were easily molded by personal or unworthy motives to forsake their principles. It was generally applied to northern people who favored slavery, but was also sometimes used to stigmatize those southern citizens who opposed the prevailing sentiment of their section on the slavery question.

Douglas, The, indemnification for, to be made by Great Britain, 2111.

Down East State.—Alternative nickname for Maine. (See Pine Tree State.)

Draft:
- Boards, praised, 8385.
- Civil War—
  - Citizens liable to, not allowed to go abroad, 3322.
  - Deficiency in quota of states, referred to, 3412.
  - Orders regarding, 3321, 3433.
- Discussed, 8574.
- Evasions, warning against, 8269.
- Exemption of government employees from, explained, 8320.
- Inventory of registrants under, explained and assistance in, asked, 8385.
- In war against Germany, announced and explained, 8256.
- Registration for, in—
  - Alaska, 8303, 8539, 8586.
  - Continental United States, 8256, 8510, 8567, 8570.
  - Hawaii, 8586.
  - Porto Rico, 8302, 8524, 8586.
- Rules and regulations for, 8306.

Drafting. (See Drafts.)

Drafts.—Conscription for obtaining men for the military forces of the government depend on the general principle that it is the duty of a citizen who enjoys the protection of a government to defend it. The state constitutions make citizens liable to military duty, and the Constitution of the United States (Article 1, section 8, clause 12) gives Congress power to raise armies, which the courts have held includes the right of conscription. There was some application of the draft principle in the early Colonial armies and in the Revolutionary Army. During the War of 1812 the necessity for troops led to the introduction of a bill in Congress, known as the "Draft of 1814," providing for a draft from the militia, but it failed to pass. During the Civil War the need of soldiers occasioned the passage of the Conscription Bill, which became law on March 3, 1863 (afterwards amended in February

and July, 1864). This bill provided for the enrollment of all able-bodied citizens between eighteen and forty-five years of age. In default of volunteers to fill the quota from a congressional district, the deficiency was to be supplied by drafts from the enrolled citizens. Provisions were made for the acceptance of substitutes or a commutation of $300 in place of the drafted individuals. Persons refusing obedience were to be considered as deserters. A call for 300,000 troops was made by the President in May, and the application of the draft created serious riots. It was alleged that a disproportionate number of men had been demanded from Democratic districts; these discrepancies were corrected by the War Department. In October, 1863, the President issued another call for 300,000 men, and a draft was ordered for the following January to supply any deficiencies. Other drafts were subsequently made. The provision for exemption by the payment of $300 was repealed in 1864, but the provision for substitutes remained. The operation of the drafts was not satisfactory in the number of men directly obtained, and desertions were frequent among such as were drafted, but voluntary enlistments were quickened. It is estimated that only about 20,000 men were obtained by the draft principle for the Union armies in the Civil War. The Confederate States had very stringent conscription laws, which were rigidly enforced.

Draft Riots.—The attempt to enforce the draft in 1863 led to serious troubles in some sections of the country. Pennsylvania was disturbed in this way, but New York City was the scene of the greatest outrages. On July 13 a mob gained control of the city, and was not dispersed till four days had elapsed. The police force was too small to cope with the rioters, but a small force of United States regulars could be commanded, and the militia were absent at the seat of war. The enmity of the mob was directed especially against the negroes, several of them being hanged or otherwise killed, and the Colored Orphan Asylum being burned. Finally the regulars, the police and some militia that had returned after the battle of Gettysburg succeeded in quelling the riot. It is estimated that about 1,000 persons lost their lives, and the city was obliged to pay indemnities for loss of property amounting to over $1,500,000.

Drafts During the European War.—Among countries not recognizing the principle of universal military service, England did not resort to conscription until almost 22 months after war was declared, and Australia voted down a proposal for conscription for foreign service by referenda in October, 1916 and December, 1917.

In the United States, President Wilson and Congress put aside the volunteer system as unwise from the very beginning of the war, and on May 18, 1917, 42 days after the announcement of the existence of a state of war with Germany, the Selective Draft Bill was signed. (See Army, Selective Draft Bill of 1917.) The first draft army was to consist of 547,197 officers and men, the age limits being 21 and 30, inclusive. All residents of the United States between those ages were required to register on June 5, and it was announced that training for those selected, whose names were to be obtained according to the jury-wheel system, would begin on or about September 1 of the same year. The Census Bureau estimated that there were in the country 10,078,900 men of the draft age, so that in round numbers about 1 in every 20 men of draft age would be called to the colors.

Those exempted from the operation of the draft were officers and officials of the several states and of the Federal government; those in industry whom the President might deem it wise to withhold from military service, ministers and theological students, those belonging before the announcement of the draft to a well-established religious body whose tenets forbid participation in war, and those found upon examination to be physically or morally unfit for service. To fill up gaps in the National Guard, the number to be drafted was finally placed at 687,000.

Registration for the draft occurred in June, 1917; and the numbers were drawn by lot in July. By December 31, the members of the new "National Army" were at cantonments receiving instruction. Gross quotas and net quotas demanded of the different states are shown in an adjoining table.

For the purposes of the draft, there was appointed by the President a draft board for each voting subdivision in the United States. These draft boards examined all candidates brought before it by the lot, rejecting those who seemed to be unfit and recommending the fit for service. Appeal might be taken from the decisions of the draft boards to a central district draft board, but appeals on industrial grounds could be taken even higher to the President. Married men generally were only exempted from service when it was proved that their families would necessarily become dependent in their absence. The ratio of exemptions was as a whole less than one for every two men called.

Aliens, except enemy aliens, were held subject to the draft if they had taken out their first papers, that is, their declaration of intention to become citizens of the United States. On July 31, 1918, an agreement was reached between Great Britain and the United States concerning the drafting of citizens of one country residing in the other. By the terms of the agreement, the United States was empowered to apply the draft laws to citizens of Great Britain and Canada living in the United States who were between the ages of 20 and 45, the English draft limits; while Great Britain and Canada might apply their draft law to Americans living in those countries who were from 21 to 31 years of age. It was estimated that 250,000 persons in the United States were affected by the British-American agreement and 60,000 more by the Canadian-American agreement. It was estimated also that some 55,000 citizens of the United States were affected. Similar arrangements were perfected with the governments of Italy and France.

In November, 1917, President Wilson issued a proclamation (which will be found in its chronological position in the Index under his name) announcing a change of system in the selective draft. Under the new method, all registrants were to be divided into five classes, which would be summoned to service in order, so that demands would not be made upon members of one class until all members of the preceding class had been called to the colors. The five classes were defined as follows:

CLASS I

Div.
A—Single man without dependent relatives.
B—Married man, with or without children, or father of motherless children, who has habitually failed to support his family.

C—Married man dependent on wife for support.

D—Married man, with or without children, or father of motherless children; man not usefully engaged, family supported by income independent of his labor.

E—Unskilled farm laborer.

F—Unskilled industrial laborer.

Registrant by or in respect of whom no deferred classification is claimed or made.

Registrant who fails to submit questionnaire and in respect of whom no deferred classification is claimed or made.

All registrants not included in any other division in this schedule.

CLASS II

A—Married man with children or father of motherless children, where such wife or children or such motherless children are not mainly dependent upon his labor for support, for the reason that there are other reasonably certain sources of adequate support (excluding earnings or possible earnings from the labor of the wife), available, and that the removal of the registrant will not deprive such dependents of support.

B—Married man, without children, whose wife, although the registrant is engaged in a useful occupation, is not mainly dependent upon his labor for support, for the reason that the wife is skilled in some special class of work which she is physically able to perform and in which she is employed, or in which there is an immediate opening for her under conditions that will enable her to support herself decently and without suffering or hardship.

C—Necessary skilled farm laborer in necessary agricultural enterprise.

D—Necessary skilled industrial laborer in necessary industrial enterprise.

CLASS III

A—Man with dependent children (not his own), but toward whom he stands in relation of parent.

B—Man with dependent aged or infirm parents.

C—Man with dependent helpless brothers or sisters.

D—County or municipal officer.

E—Highly trained fireman or policeman, at least three years in service of municipality.

F—Necessary custom house clerk.

G—Necessary employe of United States in transmission of the mails.

H—Necessary artificer or workman in United States army or arsenal.

I—Necessary employe in service of United States.

J—Necessary assistant, associate or hired manager of necessary agricultural enterprise.

K—Necessary highly specialized technical or mechanical expert of necessary industrial enterprise.

L—Necessary assistant or associate manager of necessary industrial enterprise.

CLASS IV

A—Man whose wife or children are mainly dependent on his labor for support.

B—Mariner actually employed in sea service of citizen or merchant in the United States.

C—Necessary sole managing, controlling or directing head of necessary agricultural enterprise.

D—Necessary sole managing, controlling or directing head of necessary industrial enterprise.

CLASS V

A—Officers—legislative, executive or judicial—of the United States or of state, territory or District of Columbia.

B—Regular or duly ordained minister of religion.

C—Student who on May 18, 1917, was preparing for ministry in recognized school.

D—Persons in military or naval service of United States.

E—Alien enemy.

F—Resident alien (not an enemy) who claims exemption.

G—Person totally and permanently physically or mentally unfit for military service.

H—Person morally unfit to be a soldier of the United States.

I—Licensed pilot actually employed in the pursuit of his vocation.

Member of well recognized religious sect or organization, organized and existing on May 18, 1917, whose then existing creed or principles forbid its members to participate in war in any form and whose religious convictions are against war or participation therein.

In March, 1918, before the second draft summons, it was announced by the Provost-General's office that for the second and future drafts, the medical examination of men summoned to the colors would divide them into four classes: (1) Those qualified for active military service; (2) Those temporarily disqualified for such service, but who could be qualified for it by medical treatment which would be furnished through public agencies, unless the person so affected made private arrangements to that end; (3) Those disqualified for active military service, but qualified for some special form of service, military or otherwise; (4) Those disqualified for all forms of service, and hence classified in Class V (see above).

In the five days following March 29, 1918, the last increment of the first draft, consisting of 80,000 men, was summoned to the training cantonments, together with 15,000 men of the second draft. It was anounced in the same month that the second draft would consist of some 800,000 men, who would be selected without drawing upon great numbers of men from the country at one time. The figure of 800,000 men fell within the authorization of a second draft of 500,000 men, increased by the recruit training units and the special and technical troops authorized in the Selective Service Act. The quotas for the second draft were based upon the relative proportions in the various states of the registered men classified in Class I, the registration being increased by the addition of those who had attained the age of twenty-one since June 5, 1917, whose registration day was June 5, 1918.

Approximately 750,000 men of 21 registered, but more than 200,000 who would

have registered in this classification had already joined the Army, the Navy or the Marine Corps.

In February, 1918, the Supreme Court of the United States, by unanimous vote, declared the selective service law of 1917 constitutional.

On August 24, 1918, there was another registration day for those who had reached the age of 21 since the previous registration.

The last great day of registration was September 12, 1918. By the terms of the legislation providing for it, all eligible for service, between the ages of 18 to 20, both inclusive, and 32-44, both inclusive, registered; but the hostilities of the World War came to an end before many men of this draft were inducted into service.

Figures on the drafts follow:

Total Registered	24,234,021
June 5, 1917-Sept. 11, 1918	9,925,751
June 5, 1918-August 24, 1918	912,564
September 12, 1918	13,395,706
Percentage Total Male Population Registered	47%
Registrants Professing Non-combatant Religious Belief	55,368
Conscientious Objectors Investigated	1,687
Conscientious Objectors Found Sincere	87%
Conscientious Objectors Court-Martialled	371
Aliens Registered (16% of total)	3,877,083
Naturalized Citizens (6%)	1,336,967
German Males 18-45 Registered.	158,809
Registered Aliens Having Declared Citizenship Intentions (33%)	1,270,182
Desertions from Draft Reported	474,861
Allied Aliens Registered	2,228,980
Canadian	151,691
English	138,979
Irish	98,800
Italian	652,971
Russian	808,503
Neutral Aliens Registered	636,601
Enemy Aliens Registered	1,011,502
Austro-Hungarian	751,212
German	158,809
Colored Registrants (10% of total)	2,290,527
Married Registrants, 21-30 (46%)	4,883,213
Given Deferred Classification.	2,578,594
Single Registrants, 21-30, (54%)	5,796,601
Given Deferred Classification.	2,578,594
Total Examined Physically	3,208,446
Qualified, (70%)	2,259,027
Remediable, (3%)	88,436
Limited Service (11%)	339,377
Physically Disqualified (16%)	521,606
Causes for Physical Rejection—	
Alcoholic and Drug Addicts	1%
Bones and Joints	10%
Developmental	8%
Ears	5%
Eyes	10%
Flat Foot	8%
Heart and Blood Vessels	10%
Hernia	10%
Tubercular	5%
Teeth	6%
Total Cost of Drafts	$20,174,652
Cost per Registrant	$1.86
Cost per Man Inducted	7.90
Total Draft Personnel	192,688
District Boards	155
Local Boards	4,648
Men Aged 18 Registered	939,875
Men Aged 22 Registered	1,018,407
Men Aged 25 Registered	997,542
Men Aged 31 Registered	1,043,492
Men Aged 35 Registered	804,778
Men Aged 40 Registered	688,918
Men Aged 44 Registered	624,129

Drafts, Government, sale or exchange of, for bank notes, and payment of Government creditors in depreciated currency, 1777, 1806, 1807, 1808.

Drago Doctrine.—When in the winter of 1902-1903 Germany, Britain and Italy blockaded the ports of Venezuela in an attempt to compel the latter country to settle its foreign indebtedness Dr. L. F. Drago, a noted jurist, of Argentina, maintained that force cannot be used by one power to collect money owing to its citizens by another power. Prominence was given to the contention by the fact that it was officially upheld by Argentina and favored by other South American republics. The principle embodied has become generally known as the "Drago Doctrine."

It was at this second Hague Peace Conference, which was attended by delegates from leading South American countries, that the "Drago Doctrine" came up for discussion and the power of a Pan-American alliance was disclosed to the world. Dr. Calvo, Argentine representative in European capitals, maintained that if European states do not make war upon each other for the sake of bondholders, they ought not to make war to collect debts, good or bad, in the case of South American nations. This doctrine was taken up by Dr. Drago, Argentine minister of foreign affairs, and has since been known as the Drago Doctrine, and has been called the "Monroe Doctrine of the Money Market."

The forcible collection by a foreign power of debts due its subjects by other governments was opposed by General Porter, of the United States. He proposed that the Peace Conference permit the employment of force for the collection of debts only after the debtor state had refused to conform to the decision of arbitrators. He declared that speculators and adventurers often dragged their governments into costly expeditions for the collection of paltry sums, and instanced a case where the actual debt turned out to be only three-fourths of one per cent of the amount claimed and the United States had used nineteen warships and spent nearly $4,000,000 to collect a debt of less than $100,000. The powers agreed "to take no military or naval action to compel the payment of such debts until an offer of arbitration has been made by the creditor and refused or left unanswered by the debtor, or until arbitration has taken place and the debtor state has failed to conform to the decision given."

Drago Doctrine, statement of, 7061.

Drawback.—A term used in commerce to signify the remission or refunding of tariff duties when the commodity upon which they have been paid is exported. By means of the drawback an article upon which taxes are paid when imported may be exported and sold in foreign markets on the same terms as though it had not been taxed at all. The drawback enables merchants to export imported articles taxed at home and sell them in foreign markets on the same terms as those offered from countries where no tax is imposed.

Dred Scott Case.—A celebrated Supreme Court case, decided in 1857, important from its bearing on the Missouri Compromise of 1820. Scott was a Missouri slave, and upon being taken into territory covered by the Missouri Compromise sued for

his freedom. Being then sold to a citizen of another State, he transferred his suit from the State to the Federal courts under the power given to the latter to try suits between citizens of different States. The case came on appeal to the Supreme Court of the United States. Chief Justice Taney, for the court, delivered an exhaustive opinion, holding that the Missouri Compromise was unconstitutional and void; that one of the constitutional functions of Congress was the protection of property; that slaves were recognized as property by the Constitution, and that Congress was therefore bound to protect slavery in the Territories. Scott was put out of court on the ground that he was still a slave and being such could not be a citizen of the United States or have any standing in Federal courts. Associate Justices Curtis and McLean filed dissenting opinions. The decision aroused great excitement throughout the country, particularly in the North.

Dred Scott Case, Supreme Court decision regarding, discussed, 2985, 3029, 3085, 3160.

Drifting mines and submarines:
Agreement on use of, suggested by President Wilson, 8057.
Defence of use of, by Germany, 8058.

Driver, The, ordered from and forbidden to reenter waters of United States, 391.

Dry Docks. (See Docks.)

Dry Tortugas, survey of, for naval station, 1038.

Duck Valley, Nev., payment of settlers for improvements on lands in, referred to, 4664, 4776.

Dudley, The, seizure of, and claims arising out of, 4114, 5198, 5547, 5673, 5873, 5962.
Award in case of, 6070.

Due Process of Law necessary before any person may be deprived of life, liberty or property, 29, 31.

Dueling.—The practice of settling quarrels between two individuals by recourse to mortal combat is not unknown among the people of antiquity and of the Middle Ages. The sixteenth century, however, probably represents the climax of the dueling practice, although it still exists today, especially on the Continent of Europe. However, most of the French duels do not result seriously; and in Germany, the practice is confined to military and student life. (In duels at the German universities, the vital organs are all well protected, so that fatalities are almost unknown.) There were stringent laws against dueling even when the custom was most thoroughly sanctioned by public opinion, but it was not until the nineteenth century that the practice received the definite stigma of organized society.

The United States, in its early history, was by no means free from the duel;—indeed, in colonial and revolutionary times the ratio of duels to the population was probably higher than the similar ratio in Europe. The most famous duels fought in this country were those between Charles Lee and John Laurens; Cadwallader and Conway; McIntosh and Gwinnet;' Burr and Hamilton (see page 463); Jackson and Dickinson; Benton and Lucas; Clay and Randolph; DeWitt Clinton and Swartout.

Duluth, Minn., act for erection of public buildings at, vetoed, 5054.

Dunkirk, N. Y., proclamation granting privileges of other ports to, 2859.

Durango, The, convention with Texas for adjustment of claims in case of, 1686.

Dutch Borneo. (See Borneo.)

Dutch East Indies.—This possession of the Netherlands comprises Java (16 residencies), Madoera (1 residency) and the outposts, including Sumatra and Borneo (17 provinces). The total area is about 735 square miles and the latest estimated population is 47,000,000. The principal towns are Batavia, 231,463; Soerbaya, 157,200; Soerakarta, 118,000; and Samarang, 110,000. The European population is estimated at 140,000.

Politically, the colony is divided into lands under the direct home government and subject native states. The representatives of the Government in the various residencies and outposts wield almost absolute power, usually, however, through the agency of native officials. The supreme administration is in the hands of a Governor-General, assisted by a Council of five members. He governs according to constitutional regulations promulgated by the Home Government.

Latest figures give the annual revenue as 400,000,000 guilders and the expenditure as 500,000,000 guilders.

There is a separate colonial army and navy.

Latest figures show the imports of an annual value of 500,000,000 guilders and the exports of an annual value of 800,000,000 guilders. Between 7,500 and 8,000 steamers, of 3,000,000-4,000,000 tons visit the ports every year. The trade is mostly with the Netherlands.

There are 7,000 miles of Government telegraph.

The chief products and exports are coffee, tea, rice, sugar, tin, coal and tobacco. (See Netherlands; Java; Borneo.)

Dutch East Indies, discriminating duties on vessels of, suspended, 5154.

Dutch Guiana.—This colony of the Netherlands is situated on the north coast of South America, bounded on the north by the Atlantic Ocean, on the east by French Guiana, on the west by British Guiana and on the south by Brazil. It was granted to the Netherlands by England in 1667 in exchange for the colony of New Netherlands in North America. Its administration lies in the hands of a Governor appointed by the Crown, with a body of delegates elected for six years, to the number of one for every 200 electors. Dutch Guiana is divided into thirteen districts.

The area is 46,000 square miles and the population, 92,000, exclusive of the Indians and negroes living in the forests. The capital is Paramaribo (37,000).

Most recent figures show the annual expenditure as 4,625,000 guilders, met by local revenue of 3,185,000 guilders and a subvention of 1,440,000 guilders. The annual imports have a value of 7,645,000 guilders and the exports, of 8,850,000 guilders. The United States imports and exports annually

to and from Dutch Guiana goods valued at $1,000,000.

Latest figures for annual production show sugar, 14,360,000 kilograms; cacao, 2,000,000 kilograms; bananas, 565,000 bunches; coffee 1,545,000 kilograms; rice, 5,340,000 kilograms; maize, 1,600,000 kilograms; rum, 835,000 litres; molasses, 600,000 litres; gold, 800,000 grams.

Dutch West Indies. (See Netherlands.)

Duties. (See Foreign Import Duties; Import Duties; Vessels, Foreign, tonnage on.)

Dwamish Indians. (See Indian Tribes.)

Dye Industry, protection asked for, 8718, 8813.

Dyeing and Finishing of Textiles.—A census report for a recent year gives figures of the dyeing and finishing of textiles in the United States. The report included all establishments bleaching, dyeing, and mercerizing raw fibres, yarns and woven cloth; printing, finishing, "rubberizing," "waterproofing," etc., piece goods; and processing and converting beaming and winding yarns, spooling threads and also a few establishments dyeing and bleaching straw braids.

However, many cotton, silk and woolen mills carry on the above processes as inseparable processes in their production, and as these in most cases had no separate statistics to offer for these processes, the figures which are adjoined cannot be regarded as complete.

The leading state in these industries is New Jersey, where 24 per cent of the wage-earners are employed and 25½ per cent of the value of the products is produced. Corresponding figures for other states are Massachusetts, 23½ per cent and 20½ per cent; Rhode Island, 16½ per cent and 15 per cent; New York, 11½ per cent and 15 per cent; and Pennsylvania, 13 per cent and 14 per cent.

Of the wage-earners, 82 per cent were male and 18 per cent were female.

There were 353 proprietors and firm members, 424 officers of corporations, 718 superintendents and managers, and 3,311 subordinate salaried employees. The average number of wage-earners was 48,467.

One hundred and thirty-four establishments were owned by individuals, 276 by corporations, with 97 others. The first group employed 9 per cent of the wage-earners and produced 7 per cent of the value of the products. The second group employed 85 per cent of the wage-earners and produced 86 per cent of the value of the products.

Report Year	1909	1899	1889
No. Establishments 507	426	298	248
Persons Engaged 53,273	47,303	31,394	(1)
Capital $139,193,871	$114,092,654	$60,643,104	$38,450,800
Salaries and Wages..... 31,343,723	26,261,634	14,993,444	9,712,011
Rent and Taxes..... 1,412,795	847,216	427,049[2]	(1)
Cost of Materials..... 56,705,135	35,261,301	17,958,137	12,385,220
Value of Products..... 109,291,536	48,295,131	44,963,331	28,900,560

(1) Figures not available. [2]Exclusive of internal revenue.

(See also Coal-Tar Products.)

Dyrenforth, Rain-Getter. (See Rain-Maker.)

Eads' Ironclads.—James B. Eads, engineer, at the outbreak of the Civil War built eight iron-clad steamboats for the Union, used in the capture of Fort Henry (q. v.), more than a month before the completion of the *Monitor* and the *Merrimac*.

Eagan's Court Martial.—At the close of the Spanish-American War, complaint was made of the treatment of troops who had been removed to Camp Wikoff at Montauk Point, Long Island. General Miles brought charges against Commissary-General Eagan, who was tried by Court-Martial, found guilty and dismissed from the Army. The sentence was afterwards commuted to suspension from the Army for a period of six years.

Eagle.—The name is applied to the ten-dollar gold piece, the twenty-dollar gold piece being called the double eagle.

Earthquakes in Peru, Ecuador, and Bolivia, 3885.

East Africa Protectorate.—The eastern portion of the British African possession known as British East Africa. (See Africa.) Its area is about 247,000 square miles and its population, about 4,000,000. The soil is fertile, there are vast grazing lands, the timber deposits are extensive and there are some mineral resources. The chief city is the port of Mobasa, with about 30,000 inhabitants. The annual imports are valued at $15,000,000 and the exports, at $8,000,000.

East Florida. (See Florida.)

East Florida Claims:
Discussed and payment of, recommended, 1727, 1906, 4520, 4536, 4560.
Reports on, referred to, 4541.

Eastport, Me., proclamation granting privileges of other ports to, 2859.

East River, N. Y., appropriation for removal of Flood Rock in, recommended, 4788.

Eastry, The, collisions of, 6734, 6859.

East Tennessee University, act for relief of, vetoed, 4169.

Echo, The, captured with more then 300 African negroes on board by U. S. brig *Dolphin*, near Key Verde, on the coast of Cuba, and taken as a prize to Charleston, S. C., 3058.
Recommendations regarding removal of, 3059.

Economic Barriers between nations must be removed, 8424.

Economic Forces, Mobilization of, necessity for, 8115.

Economic Policy, prosperity of country dependent upon, 6652.

Economics.—The science concerned with the laws governing the production, distribution, exchange, and consumption of economic goods—that is to say, of products which have value in that they are not free to all. Economics differs from sociology (q. v.) in that it is not concerned with individuals as such, but only with individuals as they form a social organism. Hence the alternative name often used of "political economy," as applying to the laws governing those elements of production which are not limitless, as are air and water, and in whose use therefore economy must be practised by civilization; and governing these economic goods in the organized, or political aspects of modern life. Thus, economics deals with the laws governing wages, interest, and rent; with methods of producing goods; with credit and credit machinery; with the distribution of wealth; with the tariff (q. v.), the single tax (q. v.), Socialism (q. v.) and with all other theories affecting the methods by which men are enabled to live upon this planet—namely, by deriving the subsistence necessary for existence. Economic speculations were present from the days of ancient history, but modern scientific economics dates from the publication in 1776 of Adam Smith's "Wealth of Nations."

Economic Serfdom in American Industry discussed, 8474.

Economy and Efficiency:
Discussed by President—
Taft, 7370, 7423, 7505, 7736.
Wilson, 8019.

Economy and Efficiency Commission, special message of President Taft accompanying report of, 7827.

Ecuador.—The Republic is bounded on the west by the Pacific Ocean, on the north and northeast by Colombia, and on the south by Peru. The extreme limits, according to Ecuadorial geographers, are between 1° 38′ N.-6° 26′ S. latitude and 70°-81° W. longitude, but its northern, southern, and eastern boundaries are in dispute.

Physical Features and Climate.—The Cordillera Occidental contains the dome-shaped summit of Chimborazo (20,498 feet), and Iliniza (17,405 feet), Carahuairazo (16,515 feet), Cotocachi (16,301 feet), and Pichincha (16,000 feet); in the Cordillera Oriental are Cotopaxi (19,613 feet), Antisana (19,335 feet), Cayambe (19,186 feet), Altar, or Capac Urcu (17,730 feet), Sangay (17,464 feet), Tunguragua (16,690 feet), and Sincholagua (16,365 feet). Both ranges contain other summits above 14,000 feet; Cotopaxi, Sangay, and Pichincha are active volcanoes. The elevated Ecuadorian plateau between the two ranges consists of the Quito, Ambato, and Cuenca plains, of which the Quito plain is fertile and covered with vegetation. La Region Orientale is a forest-clad plain inhabited by aucas, or uncivilized Indians. Its boundaries and extent are indeterminate, and it is only partially explored. The Galápagos Islands, 600 miles west of the mainland, lying at the intersection of the Equator and 90° W. longitude, were annexed by the Republic of Ecuador in 1832. The Archipelago consists of six large and nine small islands with a total area of about 2,500 English square miles. The larger islands were formerly the resort of buccaneers and they possess alternative English and Spanish names, viz.:—Albemarle (or Isabela), Narborough (or Fernandina), Indefatigable (or Santa Cruz), Chatham (or San Cristobal), James (or San Salvador), and Charles (or Santa Maria). The name is derived from the giant tortoise (galápago) found on the islands. In the Gulf of Guayaquil, separated from the mainland by the narrow Morro Straits, is Puna Island, about 200 square miles in area, low-lying and

densely wooded. Santa Clara in the same gulf, and La Plata and Salango off the coast of Manabi province, are the largest of the remaining islands of Ecuador. The river systems are divided by the Andes and consist of western rivers flowing into the Pacific, and of tributaries of the Upper Amazon.

History.—The aboriginal Indian tribes were conquered in the third century by southern invaders, who established the Kingdom of Quito in the territory now known as Ecuador, and this kingdom fell before the superior military organization of successive Incas of Peru in the latter half of the fifteenth century. Early in the sixteenth century Pizarro's conquests led to the inclusion of the Kingdom of Quito as a province of the Spanish vice-royalty of Peru, to which it remained joined until a final revolutionary war, culminating in the battle of Mount Pichincha (May 22, 1822), secured the independence of the country. With the aid of Bolivar the Spanish rulers were expelled (1822-1823), and the country was united to the Colombia Confederation. In 1830 it seceded and adopted its present name. The present Constitution was promulgated Dec. 23, 1906.

AREA AND POPULATION

Provinces and Capitals	Area in English Sq. Miles	Estimated Population
Azuay (Cuenca)	3,850	140,000
Bolivar (Guaranda)	1,260	45,000
Cañar (Azogues)	1,520	70,000
Carchi (Tulcan)	1,500	40,000
Chimborazo (Riobamba)	3,000	130,000
Esmeraldas (Esmeraldas)	5,500	20,000
Galápagos Islands (San Cristoval)	2,500	500
Guayas (Guayaquil)	8,300	100,000
Imbabura (Ibarra)	2,300	70,000
Léon (Latacunga)	2,500	110,000
Loja (Loja)	3,700	60,000
Manabi (Puerto Viejo)	8,000	65,000
Oriente (Archidona)	60,000 (?)	80,000
Oro (Machala)	2,250	35,000
Pichincha (Quito)	6,250	200,000
Rios (Babahoyo)	2,300	35,000
Tunguragua (Ambato)	1,700	100,000
Total	116,530	1,300,500

The estimate of the population as given in the above table is the most recent to be classified according to the provinces, but is more than fifteen years old. The present population of Ecuador is probably close to 2,000,000.

The particulars in the above total include the area and estimated population of the Oriente Province as claimed by Ecuador, but the boundaries are in dispute with Peru. In this dispute, Ecuador claims a wide extension northward into Colombia, while Peru claims a considerable portion of Ecuadorian Oriente, of the Ecuadorian claim from Colombia, and of an extension beyond that claim into Colombian territory.

Ethnography.—The Quitu and Cara Indians are estimated at 800,000, of whom about 200,000 are totally uncivilized, or aucas. The white population, descendants of the Spanish colonists, are believed to number 100,000, the mestizos, or mixed Spanish-Indians, 300,000, and the descendants of imported negroes about 40,000, of whom only 8,000 are of pure blood, the remainder being of mixed Indian and Spanish blood. The foreign population is stated at 6,000, mainly from neighboring republics, with some 700 from Europe and the United States, and about 300 Chinese.

Most of the Indians are kept in a state of peonage and debt servitude.

Government.—The Government is that of a centralized republic, and rests upon the written constitution of 1830, with a President and Vice-President, elected by direct vote for four years (and ineligible for successive terms in the same office).

Congress consists of a Senate and a Chamber of Deputies. The Senate contains thirty-two members (two for each province) elected for four years, half renewable every two years; the Chamber of Deputies is composed of forty-eight members (one per 30,000 inhabitants) elected for two years. The electors in each case are all male citizens above eighteen years who can read and write. Congress meets annually for sixty days from August 10.

The President exercises his functions through a Cabinet of five ministers. He has the power of veto, but Congress may pass legislation over his veto. The Council of State is composed of the President of the Supreme Court, the clerk of the Court of Accounts, the five ministers (who have no vote), two Senators, two Deputies, and three citizens elected annually by Congress.

Each of the sixteen provinces is administered by a Governor, appointed by the Executive, and is divided into departments under political chiefs. The Galápagos Islands are administered as a territory.

There are civil courts of first instance under justices of the peace and police courts in all the smaller centers, with alcaldes in the municipalities; six superior courts at Quito, Guayaquil, Cuenca, Riobamba, Loja, and Porta Viejo, and a supreme court at the capital.

Education.—There is a large percentage of illiteracy, although primary education is compulsory. Latest figures show about 1,400 schools, with an enrollment of almost 100,000. There are 35 secondary schools and 9 higher and technical schools. Quito boasts of a university founded in the seventeenth century, with a faculty of 35 and more than 300 students. The state religion is Catholicism.

Army.—There is a Militia, with a permanent strength of about 5,000 of all ranks and a National Guard of three classes. (See Armies of the World.)

Navy.—The Navy consists of the cruiser Cotopaxi, the destroyer Bolivar and torpedo-boat Tarqui, with a force of about 200 of all ranks.

Finance.—The annual revenue and expenditure are in the neighborhood of $8,000,000. Most of the revenue comes from import and export duties.

The unit of currency is the gold Condor (of 10 Sucres) of the equivalent of $4.87 United States money or £1 English money, the Sucre being equal to $0.48. There is no paper money.

Debt.—Upon seceding in 1830 from the Confederacy, Ecuador was charged with 21½ per cent. of the debt of Colombia. In 1912 the External Debt amounted to $16,000,000, and the Internal Debt to $5,000,000, a total of $21,000,000. The Colombian debt, with arrears of interest, amounted to about 12,000,000 sucres. In 1895 a sinking fund was formed for the purposes of amortization by the payment into a special account of a 10 per cent. surtax on the import duties. This sinking fund amounted in 1910 to about 600,000 sucres ($300,000).

Latest figures give the foreign debt as about $15,000,000 and the internal debt as

$8,500,000. During the World War, Ecuador defaulted on her debt payments.

Production and Industry.—Wheat, maize, oats, barley, potatoes, and vegetables are grown in the northern uplands, but the staple product of the soil is cacao, grown principally in the valleys of the province of Guayas and in the Machala district of the province of Oro, which produce about one-third of the world's supply. Coffee of excellent quality is grown on the lower slopes of the Andes, and cotton, sugar, tobacco, and rice in the western plains, while rubber, cinchona bark, vegetable ivory (tagua nuts), and cabinet woods are obtained from the extensive, forest-clad plains of Oriente. There are immense tracts of grazing land on the lower slopes west of the Cordilleras, and also on the northern part of the plateau between the two ranges.

Gold, quicksilver, lead, iron, and copper are found, and there is a valuable petroleum field at Santa Elena, near the coast of the province of Guayas. Emeralds and rubies are occasionally discovered, and sulphur is abundant in many districts and in the Galápagos Islands.

The principal industry is straw-plaiting, and the manufacture of "Panama" hats for the foreign market. The fiber industry is widespread, and chocolate factories have been established in the cacao districts.

The principal exports are cocoa, vegetable ivory, rubber, cinchona bark, straw hats, coffee, and cattle and horses; the principal imports being textiles and clothing, iron manufactures and foodstuffs.

Of late years, the exports from Ecuador have been of the annual value of about $15,000,000 and the imports, $10,000,000. The chief imports are woven goods, foodstuffs, hardware and clothing. The most recent figures show annual exports from the United States to Ecuador of $5,000,000 and annual imports from Ecuador of $11,000,000.

Shipping.—The mercantile marine consists of a few small sailing vessels. In 1917 195 vessels engaged in the foreign trade entered and cleared at the port of Guayaquil.

Communications.—There are practically no roads but trails. There is a highway from Quito about 115 miles toward Guayaquil. There is much water communication. Guayaquil and Quito are connected by a railroad, the total length of the railroads in Ecuador being 375 miles. There are about 4,500 miles of telegraph wire, with 205 telegraph stations, 2,815 miles of telephone wire, and about 200 post-offices.

Cities.—Capital, Quito, on the Ecuadorian plateau, is an old Spanish town, containing a cathedral, the Jesuits' church of remarkable beauty, and many large government buildings. The estimated population of the principal towns is as follows: Quito, 70,000; Guayaquil, 100,000, and Cuenca, 50,000.

Ecuador:
Civil war in, 1319.
Claims of United States against, convention for adjustment of, 3348, 3402.
Failure of, to pay first installment of award under, 3584.
Commercial convention with, 1751.
Convention with, respecting case of Emilio Santos, 5957.
Diplomatic relations with, discussed, 4630, 5468.
Dispute with Peru, arbitration of, 7499.
Earthquakes in, 3885.
Fugitive criminals, convention with, for surrender of, 4160, 4247.
Imprisonment of American citizens in, 4856.
Released, 4915, 4990.
Treaty to settle claim regarding, 5369.
Naturalization treaty with, 4119, 4193.
Report of George E. Church upon, transmitted, 4744.
Treaty with, transmitted and discussed, 1784, 2051, 3348, 4160, 4247.
Expresses desire to negotiate, 1694.
Probably rendered abortive, 1933.

Ecuador, Treaties with.—June 13, 1839, a treaty of peace, friendship, navigation and commerce was concluded with Ecuador. This was terminated August 25, 1892, by notice from the Ecuadorean government. A claims convention was agreed to in 1862 for a twelve-month commission. In 1872 a naturalization convention was concluded which also was abrogated August 25, 1892. An extradition convention was concluded June 28, 1872 (see Extradition Treaties), and in 1893 another special claims convention in the case of Julio R. Santos, a native of Ecuador and a naturalized citizen of the United States.

In 1909, Ecuador signed the Hague arbitration convention with the United States to endure for a period of five years, and thereafter until the expiration of a year's notice.

Ecuador also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington July 29, 1914. (See South and Central America, Treaties with.)

Editors, Opinions of, 8033.

Education in the United States.—The history of education in the United States may be roughly divided into four different stages. In the first, extending from the settlement of the country until approximately 1750, the colonists patterned the instruction they gave their children after English models. Especially prominent was the apprentice system in New England and the middle Atlantic states. New England soon took up seriously the problem of schooling, and by various enactments showed its feeling for the responsibility of the state in education, whereas the South, after some experiments, left the problem of education largely to the individual household and to private schools. In New England provision was made for the instruction of girls along with boys in the elementary classes, but the academies, or secondary schools, which were established for the colleges which soon had arisen thickly in New England were for boys and young men.

The second stage of development would extend from about 1750 to 1825. In this period, the independent personality and na-

tional psychology of the United States made themselves evident, and the instruction given in the schools reacted to the new emphasis upon conceptions of liberty and political democracy, although there was little change in the educational systems, except in general enlargement and advanced work.

The third period would extend until close to the end of the nineteenth century. It represents on the administrative side of the school systems a strong tendency toward consolidation. The remarkable industrial expansion and urban development of the country greatly influenced the schools, as did the coming of large numbers of immigrants. Pedagogically, visitors to Europe were responsible for a knowledge of the theories of European educational reformers such as Pestalozzi and Froebel, and American education strove more and more toward freeing the individuality of the pupil. The establishment of the Bureau of Education (q. v.) had an integrating effect upon the country's school systems. This is also the period in which opportunities for higher education were opened to women.

The fourth period is too close to us for a definite characterization. It is undeniably a period of educational uncertainty and experimentation, and represents a reaction away from the previous individualism into a stronger emphasis upon social values. Especially noticeable is the reaction of the schools to the newly awakened social conscience, and more and more the schools have tended to become social as well as educational agencies in their communities. The European War also made inevitable the broadening of the school system to a consideration of all national, industrial and cultural problems, and to some extent nationalized the various school systems of the land.

Nevertheless, the school system of the United States is still a system of local rather than national control. Local schools are still administered generally according to district, township or county units, with supervision more or less close from a state educational system.

The following table summarizes the school and college enrolment in the United States, according to the most recent figures of the Bureau of Education:

	Public	*Private*
Kindergartens	433,377	46,612
Primary & Grammar	18,486,318	1,457,044
High Schools, Academies	1,935,573	193,305
Universities, Colleges.	112,046	178,060
Professional Schools.	9,771	38,882
Normal Schools.....	128,505	9,569
City Evening Schools	585,413	.....
Business Schools....	.....	289,579
Miscellaneous	121,884	1.261
Total United States..	21,812,887	2,214,312

The distribution of the men and women teachers was as follows:

	Men	*Women*
Public Elementary Schools.	75,448	486,736
Private Elementary Schools	6,181	37,972
Public High Schools.....	29,493	54,517
Private High Schools.....	5,411	8,788
Universities and Colleges:		
Preparatory Departments	1,804	1,223
Collegiate Departments..	18,358	4,960
Professional Schools.....	9,955	228
Normal Schools, Public...	2,799	4,815
Normal Schools, Private...	367	571
Kindergartens, Public.....	.....	8,844
Kindergartens, Private....	.....	1,217
Miscellaneous	3,825	6,251
Total, United States....	153,641	616,122

Figures for the public high schools and elementary schools of the United States show their expenditures were divided as follows: Instruction, 58.2% (Teachers' Salaries, 55.2%; Textbooks and Supplies, 3%); Miscellaneous Expenses, 23% (Fuel, light, water, etc., 7.8%; Janitors' Salaries, 6.9%; Auxiliary Agencies, 2.8%; Maintenance, 2.7%; Interest, 2%; Fixed Charges, .8%); Outlays, 15.5% (New Buildings and Grounds, 13.7%; New Equipment, 1.8%); General Control, School Boards, Superintendents, etc., 3.3%.

In twenty-three states, with a total enrolment of 10,033,909, the distribution of public school enrolment in the several grades was as follows:

		Per Cent Total
Kindergarten	215,789	2%
First Grade	2,128,407	21%
Second Grade	1,272,355	13%
Third Grade	1,222,603	12%
Fourth Grade	1,175,774	12%
Fifth Grade	1,013,616	10%
Sixth Grade	866,598	8%
Seventh Grade	694,504	7%
Eighth Grade	504,639	5%
Ninth Grade	12,393	....
First Year High School...	398,339	4%
Second Year High School.	248,009	3%
Third Year High School..	164,807	2%
Fourth Year High School.	128,469	1%

The number of buildings used for school purposes was reported as 276,827. Of these 18,974 were in cities, so that the number of rural school buildings was 257,853. Of the latter, 195,400, or 76%, had only one room.

The following states require attendance for the full school term: Arizona, California, Colorado, Connecticut, District of Columbia, Idaho, Illinois, Indiana, Iowa (cities), Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nebraska (cities), Nevada, New Jersey, New Hampshire, New Mexico, New York, North Dakota, Oregon, Pennsylvania (may be reduced 30% by School Board), South Dakota (may be reduced by School Board to 80 days above sixth grade), Vermont, Washington, Wyoming.

The following states require attendance for 140 days: Louisiana, Ohio.

The following states require attendance for three-fourths of the full term: Arkansas, Missouri.

The following states require attendance for two-thirds of the full term: Nebraska, Oklahoma.

The following states require attendance for 120 days: Iowa, West Virginia, Wisconsin (in cities, from 160 days to full term).

The following states require attendance for 100 days: Delaware (may be reduced by School Board to 60), Utah.

The following states require attendance for 80 days: Alabama (may be reduced to 60 by School Board), Florida (law not statewide), Georgia, Mississippi (law not statewide; may be reduced by School Board to 40), North Carolina, South Carolina (law not state-wide), Tennessee, Texas, Virginia.

Of the 20,853,516 pupils enrolled in the elementary and secondary schools of the state public school systems 12,266,915 were in rural schools and 8,586,601 in the city schools. The average daily attendance was 15,548,914—8,788,600 in the rural schools and 6,760,314 in the city schools.

EDUCATIONAL STATISTICS OF THE STATES

The following table summarizes the important educational facts regarding the public elementary and high schools of the several states, arranged according to geographical divisions:

States	Per Cent Population 5-18 Years In Schools		Per Cent of Total Enrollment in High School	Average Teacher's Salary, per Year		Average Annual Cost per per Pupil Attending		Percentage Enrollment in Average Daily Attendance		Average Length School Term, Days		Average Number of Days Attended by Each Enrolled Pupil
	Publ.	*Priv.*		*City*	*Rural*	*City*	*Rural*	*City*	*Rural*	*City*	*Rural*	
United States...	75%	7%	9%	$ 854	$479	$60.67	$40.40	78%	72%	182	144	120
North Atlantic												
Maine.....	79%	9%	13%	$ 495	$286	$ 38.91	$39.07	80%	82%	174	164	137
New Hampshire	67	21	18	685	465	53.03	67.38	80	80	174	174	139
Vermont.....	73	9	13	554	422	63.13	48.83	84	77	175	167	137
Massachusetts..	74	14	17	871	....	63.00	24.22	83	72	176	125	142
Rhode Island...	62	14	10	743	684	55.32	.....	80	96	177	...	152
Connecticut ...	83	16	10	741	743	64.18	77.97	81	57	181	187	142
New York.....	69	11	10	1038	554	62.78	60.62	78	79	187	184	145
New Jersey.....	76	7	9	946	1003	71.02	72.46	78	69	188	177	140
Pennsylvania...	69	7	8	774	633	53.30	61.05	80	83	188	158	142
North Central												
Ohio.....	76%	14%	14%	$ 809	$566	$ 69.66	$47.89	84%	96%	181	143	146
Indiana.....	79	5	13	730	488	55.86	50.96	79	....	181	141	144
Illinois.....	70	15	10	1044	551	60.44	45.11	85	94	182	131	141
Michigan.....	85	12	12	835	513	76.46	46.97	77	83	185	159	137
Wisconsin.....	64	12	11	812	337	64.09	38.72	79	79	183	174	141
Minnesota.....	77	6	10	948	539	77.42	60.77	84	73	182	161	129
Iowa.....	91	6	10	720	439	76.99	72.61	81	72	177	182	134
Missouri.....	74	7	9	851	565	59.23	36.31	77	76	189	151	126
North Dakota..	76	3	7	816	615	72.12	84.12	82	70	181	166	119
South Dakota..	68	3	9	769	483	92.18	75.77	82	63	178	188	122
Nebraska.....	85	6	10	779	544	74.82	64.27	80	69	180	160	118
Kansas.....	82	4	13	680	471	57.77	60.05	77	69	176	170	122
South Atlantic												
Delaware.....	69%	9%	8%	$ 767	$429	$ 45.03	$26.53	78%	58%	182	147	109
Maryland.....	65	8	6	645	738	36.75	37.21	73	65	176	165	117
Dist. Columbia.	83	25	13	1037	....	66.56	.....	78	....	173	...	134
Virginia.....	71	3	6	587	314	37.84	21.37	80	65	181	128	96
West Virginia...	76	1	5	632	367	53.96	25.56	79	68	176	122	94
North Carolina.	80	3	3	508	254	31.41	13.30	74	64	172	115	80
South Carolina..	71	2	2	528	289	24.47	18.58	73	64	176	103	73
Georgia.....	73	2	5	651	302	31.50	12.67	80	65	176	129	94
Florida.....	73	3	5	562	302	37.96	32.47	78	67	158	119	91
South Central												
Kentucky.....	75%	5%	4%	$ 668	$339	$ 48.61	$22.78	75%	56%	184	141	88
Tennessee.....	85	4	5	636	322	42.00	14.53	75	68	171	134	96
Alabama.....	75	3	5	536	210	30.39	15.39	69	58	173	114	74
Mississippi.....	83	1	5	606	259	47.38	10.49	71	63	179	134	88
Louisiana.....	55	5	7	694	393	36.53	22.09	74	71	174	123	98
Texas.....	76	2	10	683	433	46.00	26.82	71	72	174	138	105
Arkansas.....	82	1	3	537	294	37.92	15.03	74	64	173	112	78
Oklahoma.....	76	2	6	625	578	52.85	39.57	72	58	176	151	95
Western												
Montana.....	117%	6%	10%	$1035	$589	$104.79	$102.43	73%	74%	178	142	113
Wyoming.....	97	4	9	960	521	57.90	67.26	78	81	176	142	120
Colorado.....	85	4	12	905	661	63.19	78.01	74	64	181	155	116
New Mexico....	68	4	4	727	448	69.26	68.54	82	63	174	151	102
Arizona.....	102	6	7	948	873	64.65	98.22	67	58	177	153	99
Utah.....	84	7	9	827	702	63.89	60.93	81	76	173	165	132
Nevada.....	77	2	11	973	632	66.85	81.89	77	70	177	169	123
Idaho.....	86	4	11	860	655	73.11	68.36	79	69	173	143	107
Washington....	72	4	14	1006	849	81.61	75.32	77	72	181	168	129
Oregon.....	75	4	16	1037	547	76.33	46.60	74	....	184	182	164
California.....	99	7	19	1063	929	77.00	83.03	74	67	183	157	123

In these state school systems, 16% of the teachers were men—20% in the rural schools and 10% in the city schools. The estimated value of the public school property was $1,983,508,818—$1,258,933,000 for the city schools and $724,575,818 for the rural schools. The average value of the school property per pupil enrolled was $95.12—$146.62 in the city schools and $59.07 in the rural schools.

The grand annual total current expenses were $644,595,146—$348,653,179 in the city schools and $295,941,967 in the rural schools. The amount expended for teachers' salaries was $402,298,516—$206,065,137 in the city schools and $196,233,377 in the rural schools.

Of the total number of enrolled pupils, 88½% were in the primary and grammar schools, 9½% in high schools and 2% in schools of higher rank than the high schools.

Colleges and Universities.—The first American institutions of higher learning were naturally patterned after the English

RANKING OF STATES

A recent report of the Russell Sage Foundation ranks the states in education according to the following ten tests: Percentage of school population attending school daily, average number of days attended by each child of school age, average number of days school was kept open, ratio of high school attendance to total attendance, ratio of boys to girls in high schools, average expenditure per child in attendance, average expenditure per child of school age, average expenditure per teacher employed, expenditure per pupil for purposes other than teachers' salaries and expenditure per teacher employed for salaries. In each item, the figure 100 is taken as a reasonable standard and the state's record ranked according to that. The rank and standards of the states on all ten counts were as follows:

Rank	*State*	*Standard*	*Rank*	*State*	*Standard*
1.	Montana	76	27.	Kansas	55
2.	California	71	28.	Canal Zone	55
3.	Arizona	66	29.	South Dakota	55
4.	New Jersey	66	30.	N. Hampshire	54
5.	Dist. Columbia	64	31.	New Mexico	53
6.	Washington	64	32.	Vermont	52
7.	Iowa	62	33.	Wisconsin	51
8.	Utah	61	34.	Missouri	50
9.	Massachusetts	61	35.	Maine	47
10.	Michigan	60	36.	Oklahoma	44
11.	Connecticut	60	37.	Maryland	43
12.	Ohio	60	38.	Delaware	42
13.	New York	59	39.	Texas	41
14.	Colorado	59	40.	Florida	38
15.	North Dakota	59	41.	W. Virginia	38
16.	Nevada	59	43.	Virginia	35
17.	Indiana	59	44.	Tennessee	35
18.	Idaho	59	45.	Kentucky	35
19.	Minnesota	58	42.	Porto Rico	36
20.	Oregon	58	46.	Louisiana	34
21.	Pennsylvania	58	47.	Georgia	33
22.	Nebraska	57	48.	Nor. Carolina	31
23.	Hawaii	57	49.	Alabama	31
24.	Illinois	57	50.	Arkansas	30
25.	Wyoming	57	51.	Mississippi	30
26.	Rhode Island	56	52.	Sou. Carolina	29

model—indeed, were founded largely by graduates of English universities. Originally, they were training schools for the ministry, and admission was open to those who had completed what would now be considered a grammar school education with the addition of Latin and some mathematics. Harvard was established in 1636; William and Mary in 1693; Yale in 1701. In the eighteenth century, 21 colleges were established, 12 after the Revolution. In the nineteenth century, 153 were founded before the Civil War and 244 afterwards. In 1912, there reported to the United States Commissioner of Education 596 degree-granting institutions.

The development of strictly university, that is, post graduate and higher professional and research work, in the United States dates with the founding in 1876 of The Johns Hopkins University, patterned after German models, since when practically all of our great colleges have become universities as well as colleges. The course of study has become gradually lengthened and the requirements for admission heightened, so that whereas in the eighteenth century nineteen was the average age for graduation, it is to-day the average age for admission. The courses offered have also broadened to a remarkable extent, and the curriculum has become largely elective instead of compulsory. Few colleges or universities of the first rank are now under direct denominational auspices and control, although many retain a purely nominal sectarian character in their management.

The following table gives the number of instructors, size of student body and annual receipts of the better-known colleges and universities in the United States:

Institution	*Faculty*[1]	*Students*[1]	*Receipts*[2]
Barnard[3]	103	697	$ 496,658
Bryn Mawr[3]	69	489	273,908
California U.[7]	928	11,903	4,748,294
Carnegie Institute Technology[4]	218	4,386	718,568
Chicago U.[4]	344	9,032	2,454,382
College City New York[6]	274	5,067	702,146
Columbia[4]	883	4,039	4,185,226
Cornell[4]	796	4,082	2,769,161
Dartmouth	122	1,060	416,581
Georgetown	152	1,082	.....
George Washington[4]	217	2,209	246,663
Harvard	581	3,092	2,967,634
Illinois U.[7]	948	7,935	3,880,849
Indiana U.[7]	197	3,783	927,205
Johns Hopkins[4]	310	1,816	.....
Leland Stanford	234	1,763	1,359,448
Mas'chusetts Institute Technology[4]	269	2,884	1,436,527
Michigan U.[7]	454	8,652	3,795,162
Minnesota U.[7]	814	10,369	4,319,065
Missouri U.[7]	256	4,553	1,685,839
Mt. Holyoke[3]	87	858	282,801
Nebraska U.[7]	338	5,248	2,395,856
New York U.[4]	423	6,948	.....
Northwestern	446	4,010	1,010,755
Notre Dame	90	1,071	.....
Ohio State[7]	447	7,151	2,620,859
Pennsylvania[4]	667	7,190	1,606,678
Penn. State[7]	211	3,294	1,622,781
Pittsburgh[4]	300	3,542	671,013
Princeton	184	972	661,461
Radcliffe[3]	138	618	179,547
Smith[3]	181	2,103	490,141
Syracuse[4]	315	3,117	.....
Teachers' College[4]	237	2,385	.....
Texas U.[7]	282	4,418	1,428,809
Vanderbilt[4]	170	712	250,285
Vassar[3]	139	1,129	992,984
Virginia U.[5]	114	1,638	616,513
Washington Univ. (St. Louis)[4]	197	1,310	601,179
Washington U.[7]	225	5,520	1,479,034
Wellesley[3]	127	1,612	563,106
Western Reserve[4]	264	1,433	.....
Wisconsin U.[7]	552	7,294	3,403,412
Yale	329	2,035	1,986,309

[1]Excluding those in professional schools, summer schools, extension courses, etc. [2]Exclusive of receipts for room rent, board, increase of plant and benefactions. [3]Women only. [4]Coeducational. [5]State university; men only. [6]Including preparatory department. [7]State university; coeducational; the statistics are later than those for the private institutions.

A notable feature of American university progress has been the establishment of the great state universities, supported not by private funds, but by the state, and with low tuition charges and coeducation. Another feature to be mentioned is university extension work, whereby college instructors travel throughout the state or nation to present their services and information to those who cannot be reached within the college walls. Many colleges combine their academic and professional courses into a combination six-year course, whereas certain medical schools and law schools, etc., require the completion of the full four-year academic course before admission. Colleges for women are a phenomenon of the last seventy-five years, and are found mostly in the East, where the older colleges and universities still do not admit women to undergraduate work. Of recent years, the

tendency of college courses has been to get away from the older classical and theoretical training and to provide training seen to be necessary by an examination of the features of modern American life.

According to the records of the Bureau of Education, there are 672 universities, colleges and professional schools in the United States. Of this number 118 are professional schools. States and municipalities control 112 of the institutions and 560 are private institutions. In the last year reported there were 223,841 male and 151,518 female students, a total of 375,359. The bachelor's degree was conferred upon 14,270 men and 13,332 women; graduate degrees upon 2,320 men and 1,160 women; doctor of philosophy, on examination, upon 499 men and 63 women.

It is estimated that there are living at the present time 908,469 college graduates who received their degrees since 1869.

Education (see also Indian Schools; Military Academy, National University; Naval Academy):
Act donating lands for benefit of agricultural colleges vetoed, 3074.
Appropriation of proceeds of sales of public lands for, recommended, 4106, 4157, 4558, 4578, 4645.
Constitutional amendment regarding, suggested, 397, 444, 587.
Constitutional amendment regarding maintenance of free schools by states, etc., recommended, 4288.
Country schools, support urged for, 8814.
Government aid to, recommended by President—
Arthur, 4645, 4730, 4771, 4840.
Harrison, Benj., 5489.
Roosevelt, 7045.
Washington, 58, 60, 194.
In Alaska, appropriation for, recommended, 4667, 5483.
In Army discussed, 4570, 5879.
In Indian Territory, recommendations regarding, 6346.
Industrial, discussed, 7045, 8187.
Report on, transmitted, 5782.
In new national problems, requested of school officials, 8331.
Lands granted to states in aid of, 1029, 1045, 3587, 4206, 5974.
Recommended, 398, 470, 4065, 4208.
Of freedom discussed and referred to, 3995, 5489.
Recommendation that States be required to afford good common schools, 4310.
Recommendations regarding education in states, 4431, 4458, 4554, 4578.
Sectarian tenets not to be taught in public schools, 4310.
Technical, discussed, 7045.
Training for citizenship urged, 194.
Value of, discussed, 8652.
Vocational, advocated, 8187.
War-time, discussed, 8568.

Education, Bureau of. (See Bureau of Education.)

Education, Commissioner of:
Duties of, respecting education of freedom referred to, 3995.
Report of, referred to, 4458.

Educational Land Grants, 1029, 1045, 3587, 4206, 5974.
Recommended, 398, 470, 4065, 4208.

Educational Requirements for Voters, recommended by President Grant, 4310, 4365.

Efficiency, Bureau of.—The duties of this body are the establishment and maintenance of a system of efficiency ratings for the executive departments in the District of Columbia; the investigation of the needs of the several departments and independent establishments with respect to personnel; and the investigation of possible duplication of work by, and the methods of business in, Government bodies. It was established in 1913.

Egypt.—Egypt occupies the northeastern corner of the African continent, between 22°-31° 35′ N. latitude and 16°-37° E. longitude. The northern boundary is the Mediterranean, and in the south Egypt is conterminous with the Anglo-Egyptian Sudan. The western boundary runs from the coast, near the Gulf of Sollûm (longitude 25° E.), inland in a southwesterly direction, and in the extreme southwest meets that of the French Sahara in 16° E. longitude; in the northeast a line drawn from the north of the Gulf of Akaba to Rafa on the Mediterranean (34° 15′ E. longitude) separates the Sinai Peninsula from Palestine, and the remainder of the eastern boundary is washed by the Red Sea.

Physical Features.—The highlands of Abyssinia extend northward through Egypt along the Red Sea littoral and Gulf of Suez to the Sinai Peninsula, a triangular plateau in its northeast corner, with Mount Sinai (8,540 feet), near the apex in the south.

The principal feature of Egypt is the Nile Valley, where the river runs through cliffs, which, with the exception of granite round Aswân, are of sandstone from Wadi Halfa to near Esna, while from Qena to Cairo limestone predominates. These cliffs sometimes rise to nearly 2,000 feet above the level of the sea. The cliff-enclosed valley increases in width to several miles, and on either side of the river, particularly to the west, lie the fertile lands upon which the prosperity of the country depends; after the Delta Barrage (14 miles north of Cairo) the country spreads out into an irregular, fan-shaped formation comprising the six Provinces of Lower Egypt, which contain the richest soil in the country. The Nile has a total length of about 3,700 miles from the Victoria Nyanza to its mouths, and for close on 900 miles of its course lies between the southern and northern boundaries of Egypt. The river has an almost constant rise and fall, the rise attaining its maximum in September, its fall being rapid for about fourteen weeks from that time, and then gradual to the end of May.

History.—From B.C. 30 to A.D. 639 Egypt was a province of the Roman Empire, but in A.D. 640 the Christian inhabitants were subjugated by Moslem invaders, and Egypt became a province of the Eastern Caliphate. In 1517 the country was in-

corporated in the Ottoman Empire, and was governed by pashas sent from Constantinople until the beginning of the eighteenth century, when for about 100 years the ruler was chosen from among the mamelukes, or bodyguard. From 1802-1804 French troops occupied the country, with the ostensible object of suppressing the mamelukes and restoring the authority of the Sultan; and after their evacuation of the country Mohammed Ali, who was appointed governor in 1805, exterminated the mamelukes in 1811, and was eventually made hereditary governor of Egypt and the Sudan by a firman from the Sultan of Feb. 13, 1841. Mohammed Ali was succeeded before his death by his son Ibrahim (1848), whose nephew Abbas I. ruled from 1848-1854. During the reign of Said (1854-1863), a son of Mohammed Ali, the concession for the Suez Canal was obtained, and his successor Ismail (1863-1879), a son of Ibrahim, was granted (by firman of May 14, 1867) the title of Khedive, the previous rulers having held the title of Vali, or Governor. In the early years of Ismail's reign the Egyptian dominions were very largely extended, until in 1875 its territories comprised an area of nearly 1,500,000 square miles, with a population of about 16,000,000.

Ismail, however, became indebted to European Powers, with the result that in 1876 France and Great Britain assumed joint control over the country. However, it was Great Britain alone who put down the revolts of the natives for independence and self-determination, with the result that in the years between 1880 and 1914 Egypt became for practical purposes a part of the British Empire. On December 8, 1914, Great Britain formally proclaimed a protectorate over Egypt. Throughout the World War, there were movements in Egypt to throw off the British yoke, and in 1919 and 1920 those movements took the form of revolts which Great Britain put down by armed force and severe punishments.

AREA AND POPULATION

Districts and Capitals	Area in English Sq. Miles	Population
Governorates		
Alexandria	19	445,000
Cairo	42	791,000
Damietta	11	31,000
Port Said and Ismalia	3	91,000
Suez	3	31,000
Provinces		
Lower Egypt—		
Beheira	1,726	884,000
Daqahlîya	1,006	987,000
Gharbîya	2,534	1,659,000
Menufîya	606	1,073,000
Qalyubîya	358	529,000
Sharqîya	1,322	955,000
Upper Egypt—		
Asyût	768	969,000
Aswân	168	253,000
Beni Suêf	409	453,000
Faiyûm	669	508,000
Girga	576	854,000
Gîza	398	524,000
Minya	651	757,000
Qena	754	840,000
Total	12,023	12,710,000
Libyan and Arabian Deserts	340,000	100,000

Government.—There is machinery for native government, but the seriousness of the native revolts after the World War necessitated the appointment of General Allenby as High Commissioner, with dictatorial powers. There is a native legislative assembly, composed of the seven ministers of state, 66 elected members, and 17 members appointed by the Government to represent minority groups not otherwise represented. The elections are indirect. The Government, however, is not bound by the decisions and acts of the assembly. In 1920, plans for an increasing measure of self-government for Egypt were being matured.

Ethnography.—There are three distinct elements in the native population of Egypt. The largest, or "Egyptian" element, is a Hamito-Semitic race, known in the rural districts as Fellahîn (fellâh = ploughman, or tiller of the soil). The fellahîn have been mainly Muhammadans since the conquest of the country in the seventh century, but about 800,000 Coptic Christians are enumerated in the towns and villages. These Egyptian townsmen and peasantry exceed 10,000,000 in the total of the Census of 1907. A second element is the Bedouin, or nomadic Arabs of the Libyan and Arabian deserts, numbering in all about 750,000, of whom about one-seventh are real nomads, and the remainder semi-sedentary tent-dwellers on the outskirts of the cultivated land of the Nile Valley and the Fayûm. The third element is the Nubian of the Nile Valley, between Aswân and Wadi Halfa, of mixed Arab and negro blood. The Bedouins and Nubians are Muhammadans. At the Census of 1907 the foreign residents exceeded 220,000, including Turks, Greeks, Italians, British, French and Tunisians, Austro-Hungarians, Russians, Germans, other Europeans, and Persians.

Moslems represent 92 per cent of the population. Almost the entire population is illiterate.

Irrigation.—King Mena (B.C. 4000, approximately) is said to have been the founder of the first scientific system of using the Nile water for irrigation purposes; he employed what is known as the basin system, which is still used for the irrigation of all the land lying to the south of Deirût in Upper Egypt. By this system the land is divided into rectangular areas varying in size from 5,000 to 50,000 acres and surrounded by banks; water is admitted to these basins during the flood season (August) to an average depth of three feet, and is left on the land for about forty days; it is then run off and the seed is sown broadcast on the uncovered land. Since the British occupation the basin systems have been improved and provided with numbers of important masonry works.

About 1820 Mohammed 'Ali Pasha introduced the system of perennial irrigation by digging deep canals in which the water could flow all the year round, by which means it was possible to grow two (or more) crops in one year, and to introduce the cultivation of cotton on a large scale.

By these works, and by the construction of a vast network of canals perennial irrigation has been extended throughout middle and lower Egypt. The increase in the value of the land has been enormous and some two million acres have been added to the cultivable area of Egypt. Only one-thirtieth of the country is not desert but about 6,000,000 acres is irrigable by the Nile and a rich alluvial soil is deposited thereon by the annual overflow of the river, on which the prosperity of the country, if it may be so called, depends.

Harvests of wheat, barley, beans, clover, vetches and lentils are gathered in due course. In Lower Egypt, cotton, maize,

wheat, rice, beans, barley, sugar cane and clover are the chief crops.

Finances.—The annual budget is in the neighborhood of $120,000,000. The total debt is about $440,000,000.

Trade.—Most recent figures show annual exports valued at $227,000,000 and imports valued at $256,000,000. The bulk of the trade is with Great Britain. The chief export is cotton, including textiles and yarns, which forms the bulk of the trade.

Communications.—More than 2,000 steamers, with a tonnage of some 5,400,000, visit Egypt annually. (These figures include Suez Canal transits.) There are 2,900 miles of railroad, the larger part worked by the state. In addition, there is the Sudan military railroad to Khartoum, 375 miles long. There are 6,335 miles of Government telephone and telegraph line, comprising 20,700 miles of wire, and some 2,100 post-offices.

Caravan Routes.—The principal caravan routes lead to the Oases of the Libyan Desert. There are many well-known routes across the Arabian Desert to the Red Sea.

Cities.—Cairo, the capital, stands on the east bank of the Nile, about fourteen miles from the head of the Delta. Its oldest part is the fortress of Babylon in Old Cairo, with its Roman bastions and Coptic churches. The earliest Arab building is the mosque of 'Amr, dating from A.D. 643, and the most conspicuous is the Citadel, built by Saladin toward the end of the twelfth century. On the edge of the desert west of Cairo are the Pyramids of Giza and the Sphinx, which can now be reached by tram in about forty minutes. Alexandria, founded B.C. 332 by Alexander the Great, was for over 1,000 years the capital of Egypt. Its great Pharos, or lighthouse, was one of the "seven wonders of the world."

Egypt:
American citizens in, proclamation regarding rights of, 4231, 4344. Discussed, 4244, 4357.
American representative in, death of, referred to, 3446.
Ancient obelisk presented to New York City by Government of, 4520, 4564.
Change of personal head of, 4520.
Commercial convention with, agreement regarding, 4849.
Consular courts in, discussed, 4759.
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Diplomatic relations with, 4824. Resumed, 3446.
Disturbances in, and protection for American citizens discussed, 4715.
Expulsion of Greeks from, referred to, 2828.
Judicial code of reform tribunal of, to be revised, 4564.

Egypt, International Tribunals of.—In 1876, as the result of negotiations between the Ottoman and Egyptian Governments and the various Christian powers having representatives at Cairo, courts were created in Egypt for the trial of civil and commercial causes arising between natives and foreigners of different nationality, as well as all questions of real estate between any person and suits of foreigners against the Egyptian Government and members of the Khedival family. These mixed tribunals, in civil matters within their exclusive jurisdiction, superseded the consular courts. A mixed tribunal consists of five judges, three of whom are foreigners and two natives. The foreign judges are appointed by the Khedive on the recommendation of the great powers, each of which is represented by from one to three judges. There are three tribunals of original jurisdiction (first instance), one each at Cairo, Alexandria and Mansura, and a Court of Appeals at Alexandria. The United States is represented in these courts by the following judges:

Court of Appeals.—Somerville P. Tuck, of New York (appointed 1908).

Court of First Instance.—William G. Van Horne, of Utah (appointed 1902); Pierre Crabités, of Louisiana (appointed 1911).

Egypt, Treaties with.—In November, 1884, a convention relative to commerce and customs was concluded with Egypt. It is identical with one concluded between Egypt and Greece during the same year. It contains the most favored-nation clause, and provides for the importation into Egypt of the productions of the soil and industry of the United States under a fixed duty based upon eight per cent *ad valorem* in the port of discharge. The importation of firearms into Egypt is forbidden, as well as tobacco in all its forms, and tombac, together with salt, natron, hashish, and saltpeter. The productions of the soil of Egypt, when sent to the United States, shall pay an export duty of 1 per cent *ad valorem* computed on the value of the goods at the port of exportation.

Eight-Hour Law.—Congress, as long ago as 1868, passed a law making eight hours a legal day's work for all laborers, workmen and mechanics employed by or on behalf of the government, and President Grant by proclamation decreed that no reduction in wages should be made in consequence of the shortening of the day. (Page 3969.) Failure of certain department heads to comply with the law brought forth an emphatic repetition of the proclamation for strict observance. (Page 4129.)

President Van Buren, in 1840, had ordered a uniform day of ten hours in the executive departments.

The eight-hour law was evaded by contractors in navy yards and public buildings and work undertaken by contractors for many years. Finally in 1912 an act was passed to take effect Jan. 1, 1913, requiring all contracts for government work to contain a clause forbidding laborers or mechanics to work more than eight hours a day.

The movement for an eight-hour working day traces its origin to the general reform movements initiated in the first half of the nineteenth century. In 1833, a definite proposal was made that an eight-hour working day be generally established in England. In 1866, a similar proposal came from the National Labor Union of the United States and from a British trade union congress in Birmingham in 1869. Throughout the eighties, the growth of power among the trades unions brought about the establishment of the eight-hour day in many industries, and even today the eight-hour day owes its existence rather to the direct, or economic, force of industrial organization

of workers than to indirect, or political, action on the part of the state.

In general it may be said that the industrial agitation for limiting work to eight hours daily has been more successful in Great Britain than in any other country; but such agitation plays a prominent part in the political moves of the various strong radical political parties on the continent of Europe. Australia has been the pioneer in the establishment of the eight-hour day by legislation, applying it in 1877 to all men working underground, and today to practically all women in industry.

For the status of the eight-hour limitation and other limitations upon the work of women in the United States, see the article Women in Industry.

Since January 1, 1917, eight hours have been considered a standard day's work and the measure of a day's compensation for all employees of steam railway carriers engaged in interstate and foreign commerce. (See Railroads, *Eight-Hour Day.*)

The status of the eight-hour day for all workers in the states of the Union having legislation on the subject is as follows:

Alaska.—A day's labor for all public and private wage- or salary-earners, including officers and partners of corporations; on all public works; in all mines, working, smelting and reduction works, is limited to eight hours.

Arizona.—A day's work on all public works; in all mines and workings, smelting and reduction works; blast furnaces, rolling mills, etc., is limited to eight hours.

Arkansas.—Constitutes a day's work on all public highways and bridges and for railway telegraph operators.

California.—Constitutes a day's work for all laborers, mechanics, workmen employed in public or private works and workers on public roads, unless otherwise expressly stipulated.

Colorado.—A day's work for all employed by the state or any of its political subdivisions; for all employees in open-cut or underground mines and workings; in smelting and refining works is limited to eight hours.

Connecticut.—Constitutes a lawful day's work unless otherwise agreed; but railroad telegraph operators controlling the movement of trains (except at stations open only in the day-time), and mechanics employed in state institutions must work not more than eight hours, except in emergency.

Delaware.—Constitutes a day's work for all municipal employees in the city of Wilmington.

District of Columbia.—All laborers and mechanics employed by the District of Columbia or by any contractor or sub-contractor upon any public work of the District are limited to eight hours' work per day.

Hawaii.—Eight hours of actual service constitute a day's work for all employees in public offices and on public works.

Idaho.—Eight hours' actual work constitutes a lawful day's work for all employees engaged by the day on State, county and municipal works. Laborers in mines and smelters may work only eight hours.

Illinois.—Constitutes a legal day's work in all mechanical employments, except on farms, and when otherwise agreed, and for those engaged in service by the week, month or year. Eight hours form a day's work for all employed on the public highways.

Indiana.—Constitutes a legal day's work, except where agreed, for all except employees on farms and in domestic work.

Iowa.—Constitutes a day's labor on the public roads. Public printing must be according to hours fixed by the typographical union.

Kansas.—The laws forbid employment more than eight hours daily in lead and zinc mines. Eight hours constitutes a day's work for all employed by or for the State or any of its political subdivisions.

Kentucky.—Constitutes a day's work for all employed on the public works of the state.

Louisiana.—Stationary firemen may work but eight hours.

Maryland.—No persons employed by the Mayor or the City Council of Baltimore, or by any agent or contractor under them, may be required to work more than eight hours daily.

Massachusetts.—Constitutes a day's work for all employed by or on behalf of the State or any of its counties for public printing, or (by vote upon acceptance of such a statute) by any town or city.

Minnesota.—Constitutes a day's work in all work by or for the State.

Mississippi.—Constitutes a day's labor on highways.

Missouri.—Constitutes a legal day's work, except by agreement and in agricultural labor. Employees in mines and smelters and as train dispatchers on railroads (unless the office is open only during the daytime) may not be employed more than eight hours daily. Eight hours constitute a day's work on the highways and in public works in second-class cities.

Montana.—Constitutes a day's work for all operating or handling hoisting machines at mines which are run more than fifteen hours per day or where more than fourteen men are employed underground during the twenty-four hours or where the engine develops more than fourteen horsepower. A day's work on all public works, municipal, county or state, in and about public buildings, on public roads, in smelters and in underground mines and in tunnels is limited to eight hours.

Nebraska.—Constitutes a day's work on public roads and in all public works in first-class cities.

Nevada.—For labor on public highways, in and about mines, in smelters, plaster and cement mills, for train dispatchers on railroads, and on all works of or for state, county or cities, the limit is eight hours' work per day.

New Jersey.—Eight hours is the limit of work per day for all employed by or for the state or any of its cities.

New Mexico.—Constitutes a day's labor in work by or for the state or any of its cities.

New York.—Constitutes a day's work on highways, and on work done by or for the state or any city; also for all employees except those in domestic service or on farms, overtime being permitted for extra pay in private employment.

North Dakota.—Constitutes a day's labor on public roads.

Ohio.—Constitutes a day's labor on all public works and in contracts to work in mechanical, mining or manufacturing establishments, unless otherwise stated in the contract.

Oklahoma.—Constitutes a day's labor on all public works and in underground mines.

Oregon.—Constitutes a day's labor on all public works except plants owned by municipalities of less than 1,000 population and in metal-producing underground mines.

Pennsylvania.—Constitutes a legal day's work in all cases of labor and in service by the day where there is no agreement to the contrary, except in farming; and for all public work of or for state and any of its political subdivisions. Engineers hoisting workmen at coal mines may work but eight hours per day.

Philippine Islands.—Constitutes a day's work on the highways.

Porto Rico.—No laborer shall work more than eight hours per day on public works.

South Dakota.—May not be exceeded in work on the highways.

Tennessee.—Constitutes a day's work on the highways.

Texas.—Constitutes a day's work on the highways and for train dispatchers, except in stations where but one operator is employed.

Utah.—Constitutes a day's work in smelter and other establishments for the reduction of ores, in underground mines or workings, and in all public work by or for the state, a county or a city.

Washington.—Constitutes a day's work in all labor for or by the State or a political subdivision thereof and in underground coal mines.

West Virginia.—Constitutes a day's work for all employed by or for the state, and for railway telegraph operators directing train movements at spots where three or more passengers or ten or more freight trains pass within twenty-four hours.

Wisconsin.—Constitutes a day's labor on the public highways, and in labor not contracted for by the year, month or week. Employees on public works and train dispatchers may be employed but eight hours a day.

Wyoming.—Constitutes a legal day's work in underground mines and in smelters, and on all state and municipal works.

By 1920, the eight-hour day for women had been established by law in Arizona, California, Colorado, District of Columbia, Porto Rico and Washington. In 29 states and the District of Columbia it had been established for men on public work and in public work by private contract. In 14 states, for work in mines. In 10 states, in certain specified industries. In 8 states, in railroad, telephone and telegraph service.

Eight-Hour Working Day:
- Extension of, urged by President—
  - Roosevelt, 7088, 7208.
  - Taft, 7540.
- For railroad employees, urged and discussed, 8144, 8183.
- In Government service praised, 8714.
- Referred to, 8817.
- Suspended temporarily, 8233, 8253, 8360, 8361.

El Caney (Cuba), Battle of. (See Santiago (Cuba), Battle of.)

El Caney, Cuba, captured by American troops, 6317, and illustration opposite 5699.

El Dorado.—Alternative nickname for California. (See Golden State.)

El Dorado of the North.—A nickname for Alaska (q. v.).

El Dorado, The, arrest and search of, by Spanish authorities, 2869, 2976.

Election Commission charged with inquiring into subject of election laws recommended, 5646, 5766.

Election Law, Federal, recommended, 5490, 5562, 5766.

Elections:
- Act prohibiting military interference at, vetoed, 4484.
- Army and Navy prohibited from interfering in, 3866.
- Bribery and corruption in, 6990.
- Complications growing out of, in Southern States, and other disturbances, discussed, 4071, 4072, 4104, 4117, 4161, 4166, 4218, 4219, 4250, 4259, 4273, 4367, 4372.
  - Federal interference in, discussed, 4259.
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    - Revoked as to certain county, 4092.
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- Congressional and claims of members to seats discussed, 4466.
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- Educational requirements for voters recommended, 4310, 4365.
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- Fraud in, Federal law to punish, 6917.
- Gerrymander discussed, 5643.
- In Arkansas, disturbances regarding, and claims of persons to governorship discussed, 4218, 4219, 4252, 4273.
  - Proclamation regarding, 4226.
- In California, correspondence regarding national military forces to be used at, referred to, 4076.
- In Louisiana, complications growing out of, discussed, 4161, 4166, 4250, 4259.
  - Federal interference in, discussed, 4259.
    - Proclamations regarding, 4177, 4230.
- In Mississippi, proclamation regarding complications growing out of, 4276.
- In the South and results of amendments to Federal Constitution discussed, 4445, 4553.

In Virginia, troops at polling places during, referred to, 4367, 4372.
Laws regulating, amendments to, urged, 8186.
Not to be held in Hawaii, 6590.
Partisan interference in, by public officers—
Discussed by President Tyler, 1905, 1942.
Order regarding, of President—
Cleveland, 5079.
Hayes, 4402.
President discussed. (See President of United States.)
Stimulus of personal interests in, should be restrained, 1942.
Troops stationed at polling places in Southern States discussed, 4367, 4372.

Elective Franchise to Freedmen:
Discussed by President—
Garfield, 4598.
Hayes, 4445, 4553.
Johnson, 3557.
Free exercise of right of suffrage discussed and recommendations regarding, 5490, 5562, 5643.

Elector.—A citizen having the franchise, or the right to vote; a member of the Electoral College (q. v.). (See Presidential Electors.)

Electoral Colleges.—Under the Constitution of the United States (Article II, Section 1), the President and Vice-President are chosen every four years by electors appointed by each state "in such manner as the legislature thereof may direct." Each state is entitled to as many electors as it has Senators and Representatives. No Senator or Representative or person holding an office of trust or honor under the United States may be an elector. The twelfth amendment to the Constitution prescribes how the electors shall meet and cast their ballots, and how Congress shall count the votes. The article provides that "the electors shall meet in their respective states and vote by ballot for president and vice-president, one of whom at least shall not be an inhabitant of the same state with themselves. They shall name in their ballots the person voted for as president, and in separate ballots the person voted for as vice-president, and they shall make distinct lists of all persons voted for as president and of all persons voted for as vice-president, and of the number of votes for each, which list they shall sign and certify and transmit, sealed, to the seat of the government of the United States, directed to the President of the Senate."

The term Electoral College has been informally used since 1821, and was probably suggested by the "College of Cardinals." The words "College of Electors" first appear in an act passed in 1845. The Colleges of Electors are state bodies, and their integrity as such is scrupulously guarded. Their method of appointment is left absolutely to the state legislatures. Till about 1820-1824 they were appointed direct by the legislature in most states; in 1824 popular election had superseded legislative appointment in all but six states. The last state to adopt popular choice of presidential electors was South Carolina, in 1868. The congress district system, which divides a state's electoral vote, has sometimes been tried as a party compromise, but at present all parties prefer the system of having all the electors on a general ticket. The state appoints the place of meeting and Congress has fixed the time—the second Monday in January, every fourth year. There is no organization of the college, but it is customary to select a chairman. On the second Wednesday in February following the meeting of the electors, both houses of Congress meet in the hall of the House of Representatives and the President of the Senate opens and counts the state returns. The state, by act of Feb. 3, 1887, is made absolute judge of all disputes over returns; its certificate is final between two sets of returns and Congress can only intervene if the state itself is unable to decide. (See Electoral Commission.)

In the presidential campaign of 1912 during the contest between President Taft for renomination and Mr. Roosevelt for the nomination for President before the Republican convention, some of the states chose presidential electors before the nominations were made. President Taft was nominated by the convention, and Mr. Roosevelt decided to run for President as the nominee of the (new) Progressive Republican party. Mr. Roosevelt claimed that the electors who had been chosen and instructed to vote for him before the nomination of Mr. Taft were still, notwithstanding the latter's nomination, in duty bound to carry out their obligations to the people, and vote for Mr. Roosevelt, and some of the electors expressed such intentions. The courts were appealed to in several states and ruled that electors regularly placed on the Republican ticket could not be removed because of the failure or success of any candidate before national convention, and that their obligations to the people were the same as if no convention had been held.

Electoral Colleges:
Increase of political power of Southern States in, due to constitutional amendments, discussed, 4445.
Joint resolution declaring certain States not entitled to representation in, discussed, 3461.
One branch of Congress formed into, productive of mischief, 1395.
Referred to, 2188.

Electoral Commission.—In the Presidential election of 1876 Rutherford B. Hayes and Samuel J. Tilden were the respective Republican and Democratic candidates. Charges of fraud were made concerning the electoral votes of Florida, Louisiana, Oregon and South Carolina. On Jan. 20, 1877, Congress appointed a commission, called the Electoral Commission, to investigate the charges and determine the validity of the returns. This is the only time a commission of this sort has been appointed and much doubt has been expressed as to its constitutionality. The commission consisted of fifteen members—three Republican Senators, two Democratic Senators, three Democratic Representatives, two Republican Representatives, and five Associate Justices of the Supreme Court. Its members were Justice Nathan Clifford (president of the commission), Samuel F. Miller, Stephen J. Field, William Strong,

and Joseph P. Bradley; Senators George F. Edmunds, Oliver P. Morton, Frederick T. Frelinghuysen, Thomas F. Bayard, and Allen G. Thurman (replaced later by Francis Kernan), and Representatives Henry B. Payne, Eppa Hunton, Josiah G. Abbott, George F. Hoar, and James A. Garfield. The commission by a vote of eight to seven, on Feb. 9, 1877, decided to sustain the validity of the Hayes electoral ticket in Florida, and later gave similar decisions regarding the returns from the other states. After the work of the commission the vote of the electoral colleges stood 185 for Hayes and 184 for Tilden.

Electoral-Commission Bill approved and reasons therefor, 4376.

Electoral Messengers, compensation to, recommendations regarding, 4850.

Electors, Presidential:

Constitutional amendment regarding selection of, recommended, 5644.

Method of appointment of, and effect of gerrymander discussed, 5643.

Electrical Machinery, Apparatus and Supplies.—(From a bulletin of July 31, 1916, issued by the Bureau of the Census.) This industry includes the manufacture of the machines and appliances used in the generation, transmission and utilization of electric energy, together with most of the parts, accessories and supplies for them. It does not include, however, the production of poles, whether of wood, iron or steel; nor does it include the manufacture of glass and porcelain ware made expressly for electrical purposes, that of bare iron and copper wire, or any of the group of electrochemical and electrometallurgical products.

The statistics for 1914 cover a period of depression due to the outbreak of the European war, from which the industry has since fully recovered.

Reports were received from 1,121 establishments engaged in this industry in 1914; with products valued at $359,412,676. Of these establishments, the principal business of 1,030 was the manufacture of electrical machinery, apparatus, and supplies, and 91, which were engaged primarily in other lines of manufacture, produced electrical machinery and apparatus to the value of $24,261,961.

It is to be noted that these statistics do not cover porcelain electrical supplies, manufactured by the clay-working industries—valued at $4,130,270 in 1914, as reported by the Geological Survey—nor globes and battery jars for electrical use, manufactured in glass works.

The output of dynamos, including parts and supplies, in 1914 was valued at $23,233,437. Under this head are included dynamotors, motor-generators, boosters, rotary converters, double-current generators, etc., 8,393 in number, with an aggregate capacity of 780,009 kilowatts and valued at $5,367,895.

Under the head of direct-current dynamos there were reported 208,548 small dynamos and automobile starter-generator sets, valued at $5,933,273, but this is not to be taken as the total output of such devices, since it is apparent that they were reported by the manufacturers in some cases with "motors for automobiles."

The transformers manufactured in 1914 aggregated 115,843 in number, with 2,644,794 kilowatts' capacity, and were valued at $13,120,065.

STATEMENT OF THE MANUFACTURE OF ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES

	Census 1914	Per cent of increase for 5 years
Number of establishments	1,030	2.1
Persons engaged in manufacture	144,712	37.0
Proprietors and firm members	368	*16.2
Salaried employees	26,266	46.7
Wage earners (average number)	118,078	35.3
Primary horsepower	227,731	43.4
Capital	$355,725,000	32.8
Services	109,097,000	56.8
Salaries	35,291,000	74.8
Wages	73,806,000	49.5
Materials	154,728,000	42.5
Value of products	335,170,000	51.4
Value added by manufacture (value of products less cost of materials)	180,442,000	60.0

* Decrease.

In addition, in 1914, 91 establishments, primarily engaged in other lines of manufacture, produced electrical machinery, apparatus, and supplies to the value of $24,261,961, and in 1909, 142 establishments of this character manufactured $18,728,916 worth of electrical machinery, apparatus and supplies as a subsidiary product.

The 1914 output of motors, including parts and supplies, was valued at $44,176,235. Motors made in 1914 for industrial power and for railway use numbered 417,992, had an aggregate capacity of 2,882,795 horsepower, and were valued at $32,286,149. Of motors for automobiles, 11,880, having an aggregate horsepower of 36,858 and valued at $1,351,442, were produced in 1914. This output, however, probably includes a considerable number of starting motors for gasoline automobiles, not separately reported as such. Motors for fans to the value of $4,835,850 were reported for 1914, and motors for miscellaneous uses to the value of $1,190,564.

Other products reported for 1914 were: Light and power switchboards, panel boards, and cut-out cabinets, valued at $8,989,111; batteries, storage and primary, and parts and supplies, $23,402,455; incandescent lamps, $17,350,385; arc lamps, searchlights, projectors, and focusing lamps, $2,823,687; telephones, telephone switchboards, and parts and supplies, $22,815,640; telegraph apparatus, including wireless, switchboards, and parts and supplies, $2,248,375; electric heating apparatus, including air heaters, cooking devices, flatirons, and welding apparatus, $4,034,436; electric measuring instruments, $8,786,506; electrical therapeutic apparatus, $2,653,098; insulated wires and cables, $69,505,573; electric conduits, underground and interior, $4,874,709; magneto-ignition apparatus, spark plugs, coils, etc., $22,260,847; electric switches, signals, and attachments, $6,393,551, an increase of 18.9 per cent; carbons for furnace, lighting brushes, battery, etc., $3,602,741, an increase of 86.2 per cent; annunciators, $263,806, an increase of 12 per cent; electric clocks and time mechanisms, $410,774, an increase of 16.5 per cent; and various other kinds of electric equipment, including sockets, receptacles and bases, some electric lighting fixtures, lightning arresters, fuses, circuit fittings, and unclassified electric machinery, apparatus, and supplies, $44,907,658, an increase of 56.3 per cent. The last item includes electric locomotives, mine and railway, of which there were reported 900, valued at $3,720,914.

Location of Establishments.—Of the 1,121 establishments reported for 1914, 234

were located in New York, 151 in Illinois, 129 in Ohio, 114 in Pennsylvania, 100 in Massachusetts, 83 in New Jersey, 46 in Connecticut, 46 in Indiana, 30 in California, 19 in Missouri, 18 in Minnesota, 17 in Rhode Island, 8 in Colorado, 7 in Maryland, 6 in New Hampshire, 5 in Iowa, 4 each in Delaware, North Carolina, Tennessee, Washington, and West Virginia, 3 in Kentucky, 2 each in District of Columbia, Louisiana, Nebraska, and Vermont, and 1 each in Alabama, Kansas, Oregon, South Carolina, Texas, and Virginia.

Electric Telegraph. (See Telegraph Lines.)

Electricians, International Congress of, at Paris, discussed and recommendations regarding, 4581, 4625, 4714.

Electricians, National Conference of, at Philadelphia, 4956.

Eleemosynary Institutions, Washington, D. C.—The Department of the Interior is charged with the Government administration and supervision over the following institutions in Washington: Government Hospital for the Insane (q. v.), Freedmen's Hospital (q. v.), Howard University (q. v.), and the Columbian Institution for the Deaf (q. v.), including Gallaudet College.

Elephant.—A symbol of the Republican party.

Elizabeth Town, Washington meets committee of Congress at, on way to inauguration, 38.

Elk Refuge, land set apart for, 7988.

Emancipation of Slaves:
- Compensation to states abolishing slavery recommended, 3269, 3292, 3334.
  - Draft of bill for, 3285, 3337.
  - Recommendation again to be made, 3297.
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  - Ratification of, 3570, 3643.
- Discussed by President Hayes, 4394.

Emancipation Proclamation.—Early in the Civil War many persons began to agitate for a proclamation from the President declaring the slaves free. It was the intention of President Lincoln, as he declared, to preserve the Union without freeing the slaves, if possible. Sept. 22, 1862, he issued a preliminary proclamation (page 3297) as a war measure, calling upon all the people in rebellion against the United States to return to their allegiance, promising measures of relief in case of compliance, and threatening to free the slaves in those states and parts of states which should still be in rebellion on the 1st day of January next succeeding the proclamation. This had no effect. Accordingly, on Jan. 1, 1863, President Lincoln issued a supplementary proclamation (page 3358) declaring the freedom of the slaves in all the states which had seceded except forty-eight counties in West Virginia, seven counties in Virginia, including the cities of Norfolk and Portsmouth, and thirteen parishes of Louisiana, including the city of New Orleans. The thirteenth amendment to the Constitution, in force Dec. 18, 1865, completed the work of emancipation, by which 3,895,172 slaves were made free. (See illustration oppositee 3273.)

Emancipation Proclamation, 3358.
- Carpenter's painting of Lincoln and Cabinet at first reading of, presented to Congress, 4435.
- Notice given that slaves would be emancipated on Jan. 1, 1863, 3297.

Embalmed Beef.—A term used to characterize the canned meats supplied to the United States Army during the Spanish-American War—implying that the meats were so badly decomposed that they had to be treated with preservative chemicals. (See Eagan's Court-Martial.)

Embargo.—A prohibition imposed by a country to prevent its vessels or those of neutral or hostile powers leaving its ports. The United States Government laid embargoes at various times between 1794 and 1815. Upon the breaking out of war between France and Great Britain in 1793 each country ordered the seizure of neutral vessels bound for the ports of the other. In consequence of the depredations of England and France upon the commerce of the United States, an act was passed April 18, 1806, prohibiting trade with Great Britain and her colonies. Dec. 22, 1807, Congress, at the suggestion of Jefferson, passed an embargo act prohibiting the sailing of any merchant vessel, save coasters, from any American port. Jan. 9, 1808, another and more stringent act was passed. These measures failed to bring either France or England to terms, and, though somewhat modified by the act of March 12, 1808, they wrought much injury to shipping and export trade of the United States. They were extensively evaded, and March 1, 1809, were repealed and replaced by the nonintercourse law, which forbade French and English vessels entering American ports. Another embargo act was passed Dec. 10, 1813, during the second war with Great Britain.

Embargo:
- During war with Germany—
  - On coin, bullion and currency, 8355.
  - On various commodities, 8333.
    - Statement explaining, 8337.
- Imposed by Washington, 144, 145.
- On American vessels referred to, 427.
- On foreign vessels—
  - For 60 days recommended, 484.
  - Governors requested to call forth militia if necessary to enforce, 144.
  - Imposed, 458.
  - Removed, 457, 466.

Embassy.—The official name of the building in which an ambassador officially resides.

Embezzlement. (See Defalcation.)

Emergency Fleet Corporation, powers of, 8316, 8527. (See also United States Shipping Board.)

Emigrants to United States. (See Immigration.)

Emigration of Negroes. (See Negroes.)

Emigration to the West. (See illustrations opposite 886, 1425, 2240, 2692.)

Eminent Domain.—The original or superior ownership retained by the people or state by which land or other private prop-

erty may be taken for public use or benefit. This is the most definite principle of the fundamental power of the government with regard to property and the most exact idea of property remaining in the government or in the aggregate body of the people in their sovereign capacity, giving the right to resume original possession in the manner directed by law whenever its use is essential to the mutual advantage and welfare of society. If, for instance, the proper authorities deem it necessary for the general good to open a street, lay out a park, dig a canal, abate a nuisance, charter a railroad, etc., and the owners of the land on the route or space desired refuse to sell or demand an exorbitant price for their property, the state, by eminent domain, has the power of control, and the courts may compel the surrender of the property upon due compensation being determined by a board of appraisers. The Constitution of the United States limits the exercise of the right of eminent domain to cases where public good demands it and requires compensation to those from whom property is taken.

Empire State.—A nickname for New York (q. v.). (See also States.)

Empire State of the South.—A nickname for Georgia (q. v.), (See also States); sometimes also nicknamed the Cracker State.

Employees. (See Government Employees; Officers, Public.)

Employers' Liability and Workmen's Compensation Commission, 7692.
Report of, 7729.

Employers' Liability Law proposed for District of Columbia, 6728, 6896, 6980, 6982.
Acts making service on station agents sufficient in suits under, 7449.
Discussed by President Roosevelt, 6728, 6896, 6980, 6982, 7036, 7087, 7088, 7126, 7206, 7216.
Government employees injured in service, compensation for, recommended, 7127.
Needed for railways, 7912.

Employers' Liability and Workmen's Compensation Legislation.—The term "employers' liability" may be used in either a general or a legal and legislative sense. In the former, it would cover the responsibility of the employer for conditions in his establishment, and consequently for any injury sustained by the employee as a result of those conditions.

In the common law, however, the term became involved with contractual and master-and-servant relations, so that its legal bearing until the last several decades was at variance with the common-sense meaning described above. According to this interpretation, the employee made himself responsible for all the ordinary risk of employment when he voluntarily entered it. Especially was he responsible for any injury inflicted as a result of action by a "fellow-servant;" and the latter term included any one working for the same employer, even a manager or superintendent.

In the second half of the nineteenth century, public opinion became aware of the unfairness of this current legal conception of employers' liability, and in 1880 an enactment of the English Parliament paved the way for reform. That example was followed by other countries, the United States legislation, by constitutional requirements, being state legislation.

But in most cases involving employers' liability, the employee was still at a distinct disadvantage. He could seldom obtain the damages due him without lengthy and expensive law suits, which would cost a large share of the sum he finally received and cause much delay; and as a result he was usually forced to compromise on appreciably less than was due him. There arose accordingly a series of enactments providing for automatic award of damages, according to definite principles, although these laws of "workmen's compensation" vary in the different states. The employers met the new demand upon their funds by insuring themselves against the necessity for such payments, either through state or through private agencies; and there arose hence the principle of Employers' Liability or Workmen's Compensation Insurance.

Germany provided for compulsory workmen's compensation in 1884 and England in 1897; but the movement in the United States did not realize definite achievements until 1910. In some of the states, the amount of the compensation is fixed by the enactment in accordance with the injury received; in others, there are commissions to determine the compensation. Some of the legislation is compulsory; but much is still elective, although it provides special inducement for coming under the provisions of the law.

On September 7, 1916, the Federal government passed legislation providing for automatic compensation for all civilian employees of the Government and of the Panama Railroad. In 1917, provision was made also for automatic pensions for injuries received by those in the Army and Navy as a result of the war against Germany. (See Soldiers' and Sailors' Insurance.)

In the United States, the Supreme Court has verified the constitutionality of the employers' liability and workmen's compensation laws.

According to the latest figures, there were forty-two states and three territories which enjoyed workmen's compensation privileges. The states in which no such legislation had been passed were Arkansas, Florida, Georgia, Mississippi, North Carolina and South Carolina—all Southern states.

Injuries covered as a rule are personal injuries arising out of and in course of employment not due to wilful intention to injure self or another, or to intoxication. Maine adds unless habit of intoxication was known to the employer. Colorado, Massachusetts, Michigan, Oregon, Pennsylvania, Washington, Wisconsin, and Wyoming do not specify intoxication as an exception. Illinois, Montana, and Ohio make no exception for either wilful injury or intoxication. Delaware, Indiana, Kansas, Louisiana, South Dakota, Oklahoma, Virginia, and Vermont make an exception also of employee's failure to use reasonable safety appliances. Delaware, Hawaii, Idaho, and New York include diseases contracted as insured against. Kentucky excepts results of pre-existing diseases. Arizona covers injuries caused by failure of employer or his agents to exercise due care or to comply with any law affecting the employment. Utah includes injuries occurring outside of the State, and injuries caused by

the wilful act of a third person directed against an employee because of his employment. Oklahoma does not cover fatal injuries.

The following states have compensation laws but no state fund: South Dakota, Nebraska, Kansas, Oklahoma, Texas, Arizona, New Mexico, Louisiana, Minnesota, Iowa, Wisconsin, Illinois, Indiana, Kentucky, Virginia, Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Connecticut, New Jersey.

The following states have compensation laws and state funds: Washington, Oregon, California, Utah, Nevada, Colorado, Wyoming, Idaho, Nevada, Utah, Montana, Michigan, Ohio, West Virginia, Maryland, Pennsylvania, New York.

Compensation laws are in effect also in Porto Rico, Hawaii and Alaska; and all Federal Employees are covered by the compensation laws of the Federal Government.

However, the workmen's compensation legislation is constantly being improved and amended; and hardly a state legislature holds a session without altering the then law to some extent.

By 1917, the principle of workmen's compensation had been enacted into law by 51 foreign countries, including every European country except Turkey.

Employment Bureau, Federal, advocated, 8029.

Employment Service, United States.—By statutory authority, a Division of Information was created in 1907 within the Bureau of Immigration, at that time under the Department of Commerce and Labor. It was concerned with the problem of distributing aliens to opportunities to work, and also citizens, since the Bureau of Immigration was established partly to furnish information not only to immigrants but to all others desiring it.

When the separate Department of Labor was established in 1913, it was given power to "advance opportunities for profitable employment"; but a well-organized employment service was not arranged until 1915. For the purposes of the Employment Service, the country has been divided into twenty employment zones, with sub-zones; and in 1916 a separate division was established to find employment for women and children.

Similar employment services have existed for some years in European countries. France gave a government subsidy to a centralized employment office of its trades unions (syndicats) in 1888; and although it was withdrawn in 1893, since 1896 it has been given freely under a joint cooperative control of the Government and the unions. Great Britain has taken Governmental action regarding an employment service since 1909; and although the German system for aiding citizens to employment is of more recent date, yet it is very extensive. In the United States, Ohio organized a state employment service in 1890 and in 1914 seventeen other states had followed the Ohio example.

Some idea of the growth of the Service may be gathered from the following figures: From February 1, 1915, the date of the organization of the Service in its present form, to June 30, 1915, applications for work numbered 76,503, and 10,916 persons were directed to employment. From July 1, 1915 to July 1, 1916, 184,181 applications for employment were received, and 84,955 persons were directed to employment. For the fiscal year ending June 30, 1917, it is estimated that 290,000 persons were found employment. During the year ending June 30, 1918, 1,860,000 positions were found.

All the postmasters in the United States co-operate in the activities of the Service, distribute circulars, give out application blanks, furnish information, etc.

After the United States had been at war with Germany for some fifteen months, President Wilson by proclamation (page 8526) designated the United States Employment Service as the medium through which all large employers of unskilled labor were to recruit it.

Employment Service, United States, unskilled labor to be recruited through, 8526.

Emucfau (Ala.), Battle of.—In January, 1814, Jackson, with 930 volunteers, and 200 friendly Indians, again took the field against the hostiles. Jan. 21, with Gen. Coffee, he camped near Emucfau, on a bend in the Tallapoosa, in southern Alabama. Indications pointed to the presence of Indians, and the whites kept vigil all the night. At dawn of the 22d the savages made the attack. Gen. Coffee repulsed the Indians, driving them back 2 miles. The Indians then rallied, attacking a second time, but were again repulsed. Gen. Coffee was wounded. His aide-de-camp and 2 or 3 others were killed. Several privates were wounded. Jackson abandoned his excursion after the battle and retired toward Fort Strother.

Enacting Clause.—The preamble or preliminary clause in a legislative bill, starting with the words: "Be it enacted," etc.

Encomium, The, seizure of slaves on board, referred to, 1499.
Compensation by Great Britain in case of, referred to, 1732, 1784.

Encroachment of spheres of government harmful, 211.

Encyclopedic Index to Messages and Papers of the Presidents, services of, outlined by James D. Richardson, in Prefatory Note, vol. I.

Endicott Board, report of, 7284.

Enemy Aliens. (See Aliens in the United States.)

Enfranchisement.—The clothing of persons, or classes of persons, with the right to vote; as the enfranchisement of women.

Engineer Corps:
Entitled to consideration, 471.
Increase in, recommended, 873, 954, 1387, 1474, 1607, 4638.
Officers of, referred to, 1685.
Recommending increase in, 873, 954, 1387, 1474, 1607, 4638.

Engineer Corps of the Army. (See Army and War Department.)

Engines and Machinery.—A recent report of the Census Bureau covers the engine and machine industry in the United States just before it was made abnormal by war

The total number of engines produced was as follows:

	Number	Value	Horse-Power		
			Under 10	10-49	50 Plus
Total	418,526	$88,382,067	293,259	111,156	14,141
Steam	19,280	30,498,638	3,061	8,981	7,238
Stationary, portable (Not turbine)	12,404	11,821,964	2,449	5,335	164
Marine (Not turbine)	953	1,299,971	447	362	4,620
Turbines	1,307	8,662,174	125	288	794
Traction	4,616	8,714,529	40	2,996	1,580
Internal Combustion	380,007	54,250,421	271,764	102,009	6,236
Stationary and portable	250,722	25,606,905	228,967	20,424	1,331
Automobile	71,745	11,622,961	4,004	64,706	3,035
Marine	44,157	7,570,245	35,952	7,657	548
Traction	10,534	8,936,687	141	9,204	1,189
All other (Not motorcycles)	2,849	513,623	2,700	18	131
Water wheels, motors, turbines	19,239	3,633,008	18,434	166	639

conditions. The chief branches of the industry were as follows:

	Number Establishments	Value Product
Adding Machines	44	$14,734,455
Air-compressing	84	5,158,121
Cash Registers and Parts	19	15,935,069
Cotton Gins	25	4,901,680
Cream Separators	36	8,663,575
Elevators and Elevator Machinery	213	17,228,101
Engines—		
Internal Combustion	549	54,250,421
Steam—		
Locomotives	33	39,043,359
Marine, all others	243	30,498,638
Parts	...	12,656,537
Laundry Power Machines	73	6,135,321
Metal-working Machinery—		
Machine tools	409	31,446,660
All other	277	17,419,526
Meters, gas and water	40	11,638,074
Milling Machinery	101	5,017,761
Mining Machinery—		
Oil-well	127	10,569,483
All other	153	13,253,634
Paper, pulp-mill	104	6,811,141
Printing presses	88	8,396,508
Pumps, pumping machinery	298	27,456,916
Refrigerating machinery	73	10,522,322
Sewing machines	48	21,710,643
Shoe machinery	72	5,949,300
Textile machinery	241	30,437,689
Typesetting machinery	10	7,634,631
Typewriters	53	20,516,532
Windmills	50	5,842,778
Woodworking—		
Sawmill	182	6,303,920
All other	196	7,088,980

Engines and machine tools, reduction of tariff on, vetoed, 7751.

England. (See Great Britain.)

Engraving and Printing, Bureau of. —In 1862 the government took over the work of printing its own notes and securities and in 1874 the Bureau of Engraving and Printing was established, in accordance with an act passed by Congress in 1872.

In 1878 a separate building was erected for the exclusive use of the bureau at a cost of $300,000. This was soon found to be inadequate to the needs of the work and a new building was erected in 1902 in the grounds adjoining, and the old building was renovated and arranged for the offices of the auditors.

The bureau designs, engraves, prints and finishes all the securities and other similar work of the government printed from steel plates, embracing United States notes, bonds and certificates, national bank notes, internal revenue, postage and customs stamps, treasury drafts and checks, disbursing officers' checks, licenses, commissions, patent and pension certificates, and portraits authorized by law of deceased members of Congress and other public officers." From its presses come the million dollars of new paper money demanded by the commerce of the United States every day; the billions of stamps that are affixed to the nation's mail, and the millions of internal revenue stamps with which the nation collects its domestic taxes. The engraving is guarded with the utmost secrecy, and the original plate is never printed from.

When the superintendent of the plate-printing division wants plates to fill an order for printing which he receives from the Chief of Division, he makes a requisition upon the custodian, stating the plate required, its class, etc.; the same is then charged to him upon the book of delivery and a replica is forwarded by a messenger, with a receipt for the same, which is signed on its delivery. After the proper complement is printed, the replica is returned to the custodian and checked from the superintendent's account. It is then repaired or waxed, as the case may be, and placed away in the vault. In conducting the operations of the bureau the discipline and order observed are remarkable, and if not perfect it is still difficult to know where to begin or what to improve. While there is no ostentatious display of authority, that authority is felt, and the pressure tends, as that on the key of the arch, to hold the fabric together. There is no noise except that of the machinery. The directions are conveyed quietly from one to another by printed and written tickets, so that every transaction has its check and countercheck. The silk-fibre paper used in the notes is a closely guarded trade secret, and every sheet is accounted for from the time it leaves the mills in Massachusetts, till it is stamped in the Treasury. (See illustration opposite 1241.)

Engraving and Printing, Bureau of, economies effected in, 7509.

Ensign.—A minor officer in the Navy.

Entangling Alliances:

Dangers of, 213-15, 311, 8204.
Discussed by President Wilson, 7943, 8597.
United States no longer to remain isolated, 8288.

Entente Allies. —A term used during the World War to include the opponents of the Central Powers, although, strictly speaking, it should not have included the United States and other American belligerents who had not bound themselves by a formal alliance against the camp led by Germany. The term arose from the *Entente Cordiale,*

or friendly agreement, consummated between Great Britain and France in 1904, enlarged to the Triple Entente when a year or so later Great Britain became the ally of Russia as well as of France.

Entente Allies (see also World War):
Armistice in World War agreed to by, 8612.
Interference with mails by, 8165.
Note of President Wilson to, suggesting mediation, 8190.
Protest to, against blockade of European waters, 8059.
Replies of—
To Central Powers' offer to open peace negotiations, 8193.
To protest of United States against interference with mails, 8165.
To Wilson's proposal for peace conference, 8195.
Unity among, 8422.
War aims of, 8293.

Enterprise, The.—An American brig of fourteen guns which, while cruising off the coast of Maine, Sept. 5, 1813, under command of Capt. Burrows, met and captured the British brig *Boxer*, also of 14 guns. The fighting was desperate and lasted 40 minutes, during which both captains were killed. The captured brig was towed into Portland, Me.

Enterprise, The (brig), seizure of slaves on board, referred to, 1499.
Compensation by Great Britain in case of, referred to, 1732, 1784.

Enterprise, The (schooner), engagement with Tripolitan cruiser, 315.

Entomology, Bureau of, Agriculture Department.—This is a bureau of the Department of Agriculture which has supervision of quarantine to prevent the spread of gypsy and browntail moths and other insect pests.

It makes studies of bugs and worms affecting agriculture and forestry, including means for repression of insects injurious to crops, animals and man. It also studies beneficial insects—both those which are the source of industries, like the honey bee, the silk worm, and the fig-fertilizing insect, and those indirectly beneficial by preying upon injurious ones. It maintains large collections of insects and insecticidal machinery and chemicals.

The largest problem, from the point of view of financial expenditure, which comes under the work of this bureau is the effort to restrict the spread of the gypsy moth and the browntail moth, which have long been doing an enormous amount of damage to the trees of New England. These insects have been most successfully fought by the importation of their natural enemies, which feed upon them, thus gradually taking their places in the infested area, which was estimated in 1910 to be nearly 11,000 square miles in extent.

The orange groves of California have been saved from annihilation by insects through the efforts of this bureau. The Bureau of Entomology, through its study of insects and their relation to man, is the housekeeper's best aid in her warfare against flies, mosquitoes, ants, moths, and other insects which carry filth, transmit disease, or destroy clothing and furniture. (See Agriculture, Department of.)

Envoys Extraordinary, to France, 240, 244, 253-5, 280.

Ephemeral and Nautical Almanac. (See Nautical Almanac.)

Epidemics. (See Contagious Diseases; International Sanitary Conference; Quarantine Regulations.)

Epirus.—A district of some 250,000 inhabitants in southern Albania and northern Greece, occupied by Greece during the World War with the consent of the Entente Allies, although the occupation had not been officially recognized by the great Powers by the beginning of 1920. (See Albania and Greece.) The inhabitants are of Albanian stock and speak an Albanian dialect, but their culture is Greek.

E Pluribus Unum.—A Latin phrase meaning "Out of many, one," or "One of many." It alludes to the formation of one Federal Government out of several independent states. It is the motto of the United States, having been selected by a committee composed of John Adams, Benjamin Franklin, and Thomas Jefferson. They made their report on a design for a motto and great seal Aug. 10, 1776. The phrase is probably derived from "Moretum," a Latin poem by Virgil. It was also the motto of the "Gentleman's Magazine," which was quite popular in the Colonies at the time the selection was made. It first appeared on coin issued by New Jersey in 1786.

Equality of All Men, declared in the Declaration of Independence, 1.

Equality of Nations and Rights necessary for enduring peace, 8201.

Equity Rules in Federal Courts changed by Supreme Court, 7810.

Era of Good Feeling.—A period of American political history between 1817 and 1823. All political issues seemed to have been settled by the War of 1812. The Federalist party had dwindled to an insignificant few, and the grounds of their contentions seemed to have disappeared. The Democrats held undisputed sway in Government and the best of feeling prevailed everywhere. The inaugural address of Monroe in 1817 (573) was calculated to promote harmony and soothe the feelings of the minority. The President made a tour through New England and was enthusiastically received. In 1820 he was almost unanimously reelected, only one electoral vote being cast against him. The later issues of the tariff and internal improvements at public expense had not yet developed, but with the election of John Quincy Adams in 1824 opposition to his policy began to grow, with Jackson as a center. Jackson had been the popular candidate for the Presidency in 1824. Failing of a majority in the electoral college, he was defeated in the House by a coalition of the friends of Clay and Adams, who later formed the Whig party, and the Era of Good Feeling ended.

Erie, The, claims of Sweden for alleged misconduct of commander of, 1172.

Erie and Oswego Canal, memorial in favor of enlarging docks of, 3282.

Erie Canal.—The construction of the Erie Canal was due to the never-ceasing agitation of Governor Clinton, of New York, under whose administration the first excavation was made on Independence Day, 1817. The canal was formally opened in 1825 by Governor Clinton, who, as shown in the picture opposite 876, poured a keg of water taken from Lake Erie into the Atlantic Ocean, with which water communication with the Great Lakes was established by the opening of the canal. The original cost of the canal was $7,602,000, but up to 1912 the maintenance of the canal had cost the State of New York more than $50,000,000. Recently provision has been made for enlarging the canal to a depth of twelve feet, and to improve it in other ways so that it will accommodate barges of 2,500 tons.

The improved canal was placed in commission between Buffalo and Troy on May 15, 1918. The entire length is 340 miles. Connected with it are the Champlain Barge Canal, from Troy to Whitehall; the Oswego Barge Canal, connecting with Lake Erie at Oswego; and the Cayuga and Seneca branches, connecting with the lakes of those names. (See also Canals.)

With the use of the Hudson River, the total distance of the water navigation between New York and Buffalo is 507 miles. The length of the Champlain Canal is 81 miles; of the Oswego Canal, 38 miles; of the Black River Canal, 35 miles; and of the Cayuga and Seneca Canal, 25 miles.

The improved Erie Canal is the main waterway and extends across the State from Troy to Buffalo. Officially, the route commences at Congress Street, Troy, and follows the line of the Hudson River to Waterford, where the westward turn is made. From Waterford the line of the Mohawk River, canalized, is generally followed to a point beyond Little Falls. Westerly from this point the new channel follows the route of the old canal in part, but passes the northerly outskirts of the City of Utica on a new line, thence to the south of Rome and then into and across Oneida Lake. Passing out of Oneida Lake, the Oneida River is used to its junction with the Seneca River at Three River Point; thence through the Seneca River to and through the Clyde River to a point east of Lyons; thence following the old canal, deepened and enlarged, to a point beyond Pittsford. Here the channel leaves the old route, crossing the Genesee River about a mile south of Rochester on a pool created by the construction of a dam, joining the line of the old canal a few miles westerly, and continuing thence in the former channel, deepened and widened, to and through Tonawanda Creek, canalized, to Tonawanda, where the Niagara River is entered and followed to Lake Erie, at Buffalo.

The improved Champlain Canal commences in the Hudson River at Waterford, where the improved Erie Canal starts westward, and follows generally the channel of the Hudson River, canalized, as far northward as Fort Edward, where a new route has been established to Whitehall on the inlet of Lake Champlain.

The improved Cayuga and Seneca Canal branches off in a southerly direction from the improved Erie Canal at a point near Montezuma. The Cayuga branch follows the valley of the Seneca River to Cayuga Lake; thence through Cayuga Lake to the Cayuga Lake inlet at Ithaca. The Seneca branch follows the Seneca River in a westerly direction from the Cayuga branch near the foot of Cayuga Lake, and connects with Seneca Lake near Geneva; thence through Seneca Lake to Watkins, with an extension to Montour Falls.

The improved Oswego Canal branches northerly from the improved Erie Canal at Three River Point and follows generally the line of the Oswego River, canalized, to Lake Ontario at Oswego.

The Black River Canal has been retained without enlargement and extends from its junction with the Erie Canal at Rome northerly to Carthage, although it is not navigable farther north than Lyons Falls.

The width of the new canal channel varies according to the section traversed. Through canalized rivers and lakes the channel is at least two hundred feet wide. Through rock cuts in land lines a minimum bottom width of ninety-four feet has been provided, and through earth sections the minimum width at the bottom of the channel is seventy-five feet.

Erie, Lake. (See Lake Erie.)

Erie (Pa.) Marine Hospital tendered United States for use of soldiers' and sailors' home, 4786.

Eritrea.—A dominion of Italy in Africa along the Red Sea, with a coast line of some 670 miles. It extends from Cape Kasar to Cape Dumeirah on the strait of Bab-el-Mandeb. The area is about 46,000 square miles, and the inhabitants, chiefly nomads, number some 400,000. The seat of government is Asmara, and the administration is divided into eight commissariats. The Home Government is represented by a Governor appointed by the King of Italy and responsible to the Italian Foreign Office.

The scarcity of water during the summer months makes irrigation necessary for raising crops, but there is abundant pasture. There is much herding of camels, goats, oxen and sheep and the produce consists chiefly of hides, meat and butter. There is extensive pearl-fishing at Massawah and the Dahlak archipelago, and there is a large trade in palm-nuts. The annual imports are valued at 21,000,000 lire and the exports at 11,000,000 lire (1 lire equals $.19). There are 75 miles of railroad, 12 post-offices, 315 miles of telegraph, and 475 miles of telephone.

Erwin, Miss., riot at, 6731.

Esperanto.—The advantages of a common language spoken by all the civilized world are too obvious to require mentioning. The European War had a stimulating movement toward the establishment of such a common medium of expression, since it brought the various nations of the world in closer contact with one another and at the same time revealed the dangers of misunderstanding between nations. Such a language would not displace, at least for a long time, existing languages, but would be subsidiary to them. Of all such proposed subsidiary international languages, Esperanto is the most famous.

Esperanto was invented by a Russian physician, Doctor L. L. Zamenhof, and got its name from the first pamphlet published by him on the subject in 1887, which was signed "Dr. Esperanto" (Hopeful). The main and extremely ingenious principle of Esperanto is to use everything common to the tongues of the civilized nations; and to drop everything peculiar to one or several of them, so far as possible. One letter represents only one sound, so that the spelling arrangement is phonetic. The words

first to be chosen are those common to all languages, then those common to all but one, then those common to all but two, and so forth. All primary words are root-words, a system of suffixes and prefixes making new words from one root. Thus instead of using the words "good" and "bad," one uses the equivalent for "good" and "not-good." Similarly instead of separate words for "father" and "mother," Esperanto uses "patro" and "patrino." Accordingly, Esperanto has been able to get along with but slightly more than twenty-five hundred root-words. There are but 16 rules to the grammar, and there is no exception to any rule.

In 1906, the London Chamber of Commerce put Esperanto on its examination list and it is a subject for teachers' examinations in Great Britain. There have been international conferences of Esperantists since 1905, and such conferences have received official recognition and representatives from the different great nations of the world. Objections to Esperanto are that its theory is more skilful than the method by which the theory has been worked out, and that there has not been recognition within it of Eastern languages.

Espionage Law.—In the last session of the Sixty-fourth Congress, a bill, commonly called the Espionage Bill, or Spy Bill, was introduced to extend and to clarify the regulations concerning espionage and treason, but the bill, although it passed the Senate, was not reported out of the committee in the House. A similar bill was passed by the Sixty-Fifth Congress and was approved by the President on June 15, 1917. Its main provisions were as follows:—

Title I—Whoever obtains information respecting any place connected with the national defense with intent or reason to believe that such information is to be used to the injury of the United States, including the taking of photographs or blue prints, etc.; or who receives or agrees to receive or stimulates the acquisition of such information for such intent or reason; or who permits the transmission of such information to any one not entitled to receive it, through intent or through gross negligence, shall be punished by a fine of not more than $10,000 or by imprisonment for not more than two years, or by both.

Whoever, with such intent or reason, transmits or assists in the transmission of such information relating to the national defense to a foreign government or to any agent thereof shall be punished by imprisonment of not more than 20 years; *provided* that whoever so acts in time of war shall be punished by death or by imprisonment of not more than 30 years, and that whoever, with intent that it shall be furnished the enemy, collects or attempts to collect such information, in time of war, is punishable by death or by imprisonment for not more than 30 years.

Whoever in time of war wilfully makes false statements to interfere with the operation of the forces of the United States or attempts to cause insubordination in the forces of the United States or to obstruct the recruiting or enlistment service of the United States, to the injury of the service or of the United States, is punishable by a fine of not more than $10,000 or by imprisonment for not more than 20 years or by both.

Any person who conspires to violate the above provisions shall be punishable as any person who performs them. Any person concealing or harboring a person who he suspects has violated these provisions is punishable by a fine of not more than $10,000 or by imprisonment for not more than two years or by both.

Title II gives the Secretary of the Treasury power over all vessels in the territorial waters of the United States whenever the President proclaims that a national emergency for this purpose exists. Punishment is provided for those who resist the exercise of such power or who cause or permit the destruction or injury of such vessels or permit them to harbor persons who have committed offenses against the United States.

Title III provides punishment for any person who injures or tampers with or places bombs on any vessel in the territorial waters of the United States or any vessel of American registry anywhere.

Title IV provides punishment for any person who attempts to interfere with the exportation abroad of articles or to injure such articles.

Title V gives the President the right to refuse clearance and to detain vessels during a war in which the United States is a neutral. It also provides that any person breaking internment is subject to arrest and confinement and for the punishment of any person under the jurisdiction of the United States who shall aid or persuade any such person to break internment.

Title VI provides for the regulation of the seizure of arms or munitions of war unlawfully attempted to be exported from the United States.

Title VII gives the President power to proclaim certain exports unlawful, but only during the war against the Central Powers.

Title VIII provides for the punishment of any person who wilfully makes an untrue statement under oath, with knowledge of a possibility that such statement may influence the conduct of any foreign government or of the United States, to the injury of the latter; and of any person who falsely pretends to be an official of a foreign government, and obtains any thing of value because of such misrepresentation; and of any person within the jurisdiction of the United States who carries out a conspiracy, wherever made, to injure property, etc.

Title IX changes passport regulations.

Title X provides for the punishment of any person who attempts to counterfeit a government seal or uses a government seal unlawfully.

Title XI provides extensive regulations concerning search warrants and their applicability.

Title XII refers to the use of the mails. Any writing or publication of any kind violating any of the above provisions is declared to be non-mailable. No person, however, except an employee of the Dead Letter Office authorized thereto or another person working upon an authorized search warrant, is permitted to open a letter not addressed to himself.

Any writing or publication containing any matter advocating treason or resistance to the laws of the United States is declared non-mailable. Whoever attempts to use the mails or the Postal Service to mail matter thus declared to be unmailable shall be fined not more than $5,000 or imprisoned not more than five years or both.

Title XIII contains general provisions and definitions regarding the language and jurisdiction of the preceding articles.

By regulations of Postmaster-general Burleson, made at the direction of President

Wilson, seditious publication in accord with the provisions of the Espionage Act is defined as follows:

Any matter advocating or urging treason, insurrection, or forcible resistance to the laws of the United States.

Any matter conveying false reports or false statements intended to interfere with the operation or success of the military or naval forces of the United States, or to promote the success of its enemies.

Any matter intended to cause insubordination, disloyalty, mutiny, or refusal of duty in the military or naval forces of the United States.

Any matter intended to obstruct the recruiting or enlistment service of the United States, to the injury of the service of the United States.

Any matter the circulation or the publication of which involves the violation of any of the criminal provisions of the Espionage Act.

By act of Congress approved May 16, 1918, the penalty of twenty years' imprisonment or fine of $10,000 or both was extended to cover cases of any one who utters, writes or publishes any "disloyal, profane, scurrilous or abusive language" regarding the United States government, Constitution, flag, military or naval forces, and uniform or any language intended to bring them into contempt or disrepute; and of any one who shall urge the curtailment of the production of any goods of value to the country in the prosecution of the war, with intent to hinder such prosecution; and of any one who advocates or defends such acts, or supports or favors the cause of a country with which the United States is at war or by word or act opposes the cause of the United States in that war.

Moreover, during the war the Postmaster General "upon evidence satisfactory to him" that any person is using the mails in violation of the provisions of the law may declare that all mail addressed to such person is undeliverable.

Espionage Law:

Authority under, vested in—
Attorney General, 8520.
Panama Canal Governor, 8539.
Rules and regulations under, supplemented, 8433.

Essex, The.—A United States frigate of 32 guns. Aug. 13, 1812, she was attacked by the *Alert*, a British sloop of war carrying 26 guns. One broadside from the *Essex* nearly sank the *Alert* and caused her surrender. Among the midshipmen of the *Essex* at this time was David Glasgow Farragut, then 11 years old. Later the *Essex* started for the Pacific on an independent cruise. At this time she carried 46 guns. Under command of Capt. David Porter she seized nearly all the British whaling vessels off the coast of South America, capturing or destroying $2,500,000 worth of the enemy's property, 360 seamen, and over 100 cannon. In February, 1814, she was surprised in the harbor of Valparaiso, Chile, by 2 British men-of-war—the *Phoebe*, carrying 52 guns, and the *Cherub*, 28 guns. March 28 the *Essex*, already crippled by a squall in the attempt to get to sea, tried to escape, but was surrendered a helpless wreck to the enemy after a bloody battle, in which one-half of her men and all but one officer were wounded or slain. (See illustration opposite 715.)

Estate Tax. (See Inheritance Tax.)

Estelle, The, order to United States marshal in Rhode Island to take possession of, 4443.

Esthonia. (See Baltic Provinces.)

Ethiopia. (See Abyssinia.)

Ethiopia, Treaties with.—Dec. 27, 1903, a treaty to regulate commercial relations was signed with Menelik II., King of Ethiopia, granting freedom to citizens of the United States to travel and transact business in that country and guaranteeing security of persons and property.

Eugenics.—When Francis Galton, the father of the science of Eugenics, opened in England the Eugenics Laboratory now known by his name, he defined Eugenics as "The study of agencies under social control that may improve or impair the racial qualities of future generations, either physically or socially." In other words, Eugenics is the science of better human breeding, although the term "Eugenics Movement" is occasionally used also to describe the movement to educate the public to and gain support for the science of Eugenics.

The word "Eugenics" was invented by Galton, a cousin of Charles Darwin, whom he followed and whose researches formed the basis for Galton's own researches and deductions. Indeed, the recognition of the principle of evolution was the *sine qua non* for the faith that the development of mankind may be guided either harmfully or helpfully.

Many of the rules for breeding, however, although their application was entirely to animals and field products, had been discovered before the publication of Darwin's "Origin of Species" in 1859; and, indeed, some of them date to ancient times. As a matter of fact, a certain famous chapter in Plato's "Republic" might well be described as a chapter on Eugenics.

It was in 1865 that Galton published the first articles on modern Eugenics. In those, he showed the control over mankind and the consequent benefits to be gained by applying the laws of breeding to the human race. He used both here and later the recurrence of surpassing ability in certain families for the basis of his deductions. In 1869 he published his magnum opus, "Hereditary Genius," in which he went to the past to prove his eugenic principles scientifically and mathematically. From this time until the opening of the twentieth century, there was little interest of a popular nature in Eugenics. It is true that Lombroso had aroused great interest in 1876 by applying eugenic principles to the study of criminals, but his work was confined to the field of criminology, and many of his deductions were hotly questioned and disputed; and although Gregor Mendel, an Austrian monk, had published in 1866 his remarkable discoveries as a result of experiments in the breeding of flowers, his work received no attention until 1900.

In 1900, the Mendelian laws were verified by no less than four independent observers, and popular interest in Eugenics was revivified, especially since national and social problems at that time lent themselves to a discussion of the problem of improving the human stock. In the same year, Karl Pearson, a disciple of Galton, applied eugenic principles to the history of nations, and awakened great interest in his findings. Modern students of Eugenics fall into one of these two schools—the first deductive, basing its observations upon the study of

known facts; whereas the Mendelian school confines itself rather to the experimental method.

At the present time, there would not seem to be sufficient data to enable the scientists to lay down a program for constructive eugenics; and practically the eugenics program of reform must still confine itself to the more negative aspect of preventing the birth of certain weaker elements in the human stock. Here also it is still controversial which characteristics may be regarded as due entirely to heredity. However it is generally agreed that the union of two parents, each of whom is primarily feeble-minded, or alcoholic, or epileptic, will produce only sub-normal offspring; and in the United States the Eugenics program is today concerned chiefly with the procuring and enforcing of laws providing for the segregation of the feeble-minded and diseased, and the requirement for a certificate of freedom from dangerous transmissable diseases before marriage permits are issued by the state. At the present time it is generally agreed that acquired characteristics, such as those due to education and cultural training, are not transmissible as such to offspring.

Europe.—The area of Europe is about 3,800,000 square miles, and it forms about one-fourteenth of the land surface of the globe. Its length from the North Cape, 71° 12′ N., to Cape Matapan, in the south of Greece, 36° 23′ N., is about 2,400 miles, and its breadth from Cape St. Vincent to the Urals is about 3,300 miles. The political boundary between Europe and Asia extends some distance beyond the Urals, to include the mining regions; in the southeast it follows the valley of the Manych, north of the Caucasus.

The nations of Europe, with the form of government and capital of each follow:

Albania (Kingdom), Durazzo.
Armenia (Republic), (1920) (?).
Austria (Republic), Vienna.
Azerbaijan (1920) (?).
Belgium (Kingdom), Brussels.
Bulgaria (Kingdom), Sofia.
Czecho-Slovakia (Republic), Prague.
Denmark (Kingdom), Copenhagen.
Esthonia (Republic), Reval (?)
Finland (Republic), Helsingfors.
France (Republic), Paris.
Georgia (Republic), (1920) (?).
Germany (Republic), Berlin.
Greece (Kingdom), Athens.
Hungary (Kingdom), Buda-Pest.
Italy (Kingdom), Rome.
Jugo-Slavia (Kingdom), Belgrade.
Latvia (Republic), Riga.
Liechtenstein (Kingdom), Vaduz.
Lithuania (Republic) Kovno (?)
Luxemburg (Grand Duchy), Luxemburg.
Monaco (Principality), Monaco.
Montenegro (Kingdom), part of Jugo-Slavia.
Netherlands (Kingdom), The Hague.
Norway (Kingdom), Christiania.
Poland (Republic), Warsaw.
Portugal (Republic), Lisbon.
Roumania (Kingdom), Bucharest.
Russia (Soviet Republic), Moscow.
Serbs, Croats and Slovenes, Kingdom of. See Jugo-Slavia.
Servia (Kingdom), part of Jugo-Slavia.
Spain (Kingdom), Madrid.
Sweden (Kingdom), Stockholm.
Switzerland (Republic), Berne.
Turkey (Kingdom), Constantinople.
Ukrainia (Republic), Kiev (?)
United Kingdom (Kingdom), London.

It must be remembered that in practically all of the countries of Europe, even in those designated as kingdoms, the principle of representative government has been firmly established; and that the kings in countries like Great Britain have no more power than, if as much as, the Presidents in republics such as France.

Physical Features.—The coast-line is irregular owing to the large number of islands and of deep gulfs and inlets separated by peninsulas. The Baltic, with its inner branches, the Gulf of Bosnia and the Gulf of Finland, reaches toward the White Sea on the north, and partly isolates Scandinavia. On the west coast are the peninsulas of Denmark, Cotentin, Brittany, and the Iberian Peninsula. The Mediterranean is divided into gulfs, peninsulas, and islands, of which Italy, the Auriatic, the Balkan Peninsula, the Ægean, the Sea of Marmora, the Black Sea and the Crimea, and Corsica, Sardinia, Sicily, Crete and Cyprus are the largest.

Structurally Europe may be divided into plateaus and fold mountains. The main plateaus are the old plateau of northwestern Europe, the Central Plateau of France, the Meseta of the Iberian Peninsula, the Schwarzwald (or Black Forest), Taunus, Hunsruck, Erzgebirge, and the Russian Platform. The main fold mountains are the Pyrenees, the Alps, the Carpathians, the Balkans and their branching spurs. The folded mountains contain the highest summits, Mont Blanc (15,775 feet) being the culminating point of Europe, if the Caucasus be included in Asia. In Scandinavia the rivers are short and torrential on the West Coast. Though useless for navigation, they provide in their waterfalls valuable power, which is now being extensively utilized. To the southeast is the Russian or Eastern Lowland, the rivers of which drain into the Arctic, the Baltic, and the Black and Caspian Seas. The Dwina and Petchora flow into the Arctic, the Düna and Niemen into the Baltic, the Volga and Ural into the Caspian, and the Don, Dnieper, Bug and Dniester into the Black Sea.

Through the Central Lowlands flows the Vistula, which rises in the Tatra, and the Oder, which has its source in the Sudetes. The Elbe and its tributaries rise in the mountains which bound the Bohemian plateau, the Erzgebirge, Bohemian Forest, Moravian Plateau and Sudetes, and the Weser rises in the Thuringian Forest. Both these rivers flow into the North Sea. The Rhine rises in the St. Gothard group in the Alps and flows through the Lake of Constance to Basel, where it turns north. Numerous lakes, Zurich, Lucerne, Thun, Neuchâtel, are traversed by the tributaries of the Aare, which joins the Upper Rhine. The principal Atlantic rivers of France are the Seine, which rises in the Cote d'Or, the Loire from the Cevennes, and the Garonne from the Pyrenees. The Mediterranean Drainage of Europe includes the Ebro in Spain, the only large river on the eastern side, and the Rhone, which rises near the sources of the Rhine and flows through the Lake of Geneva. With the Saône, its northern tributary, it forms the longest north to south valley in Europe. The west coast of Italy has several comparatively long rivers, the Arno and the Tiber, the Apennine watershed lying nearest to the Adriatic Coast. In North Italy is the Po and its tributaries. The Danube rises in the Black Forest and receives many tributaries from the Bavarian Plateau. (Details of the history, government, etc., of the several coun-

tries will be found in the regular alphabetical order.)

Europe, policy of neutrality should be followed towards nations of and quarrels in, 213.
Food relief urged for, 8684.
President Wilson's trip to, 8649 *et seq.*
Railway Systems of, 3270.

European and West Virginia Land and Mining Co., agreement with agents of Mexico referred to, 3723.

European War. (See World War.)

Eutaw Springs (S. C.), Battle of.— Lieut.-Col. Stewart had succeeded Lord Rawdon in command of the southern division of the British army and established headquarters at Orangeburg, S. C. Gen. Greene, who had been resting the American army on the hills of the Santee River, had been reenforced by 700 North Carolina continentals. His army thus increased to more than 2,500 men, Greene determined to attack Stewart, whose force did not exceed 2,000. Stewart fell back about forty miles to Eutaw Springs, near the Santee River, in South Carolina. Here Sept. 8, 1781, a fierce but indecisive battle was fought. Stewart kept the field, but at night retired toward Charleston, and Greene took possession of the battle ground and sent detachments in pursuit of the British. The total American casualties as given by Gen. Greene were 408. The British loss was 693.

Excess Profits Tax (see also Corporation Tax):
Change needed in, 8811, 8885.
Continuance of, urged, 8716, 8717.
Repeal of, urged, 8938.

Exchange for Official Documents (see also International Bureau of Exchanges):
Agreement at Paris concerning, 4718.
Convention concerning, 4985.

Exchange, Medium of. (See Medium of Exchange.)

Exchequer, plan of, 2057, 2119.

Excise Laws.— As early as 1790 a national excise law was passed. Alexander Hamilton, then Secretary of the Treasury, insisted that such a tax was necessary, but the law was not passed without a fierce debate. The tax imposed at first varied from 25 to 40 cents a gallon on imported spirits, from 9 to 25 cents on domestic distilled liquors, and from 11 to 20 cents when the material was molasses or other imported product. This tax was reduced in 1792. Opposition to it was strong throughout the country, culminating in the Whisky Insurrection in western Pennsylvania in 1794. Under Jefferson the excise tax was abolished. It was revived again in 1813, during the war with Great Britain. In 1817 it was again repealed and no excise tax was collected by the General Government until 1862, during the Civil War. In 1864 the excise rates were raised, the rates on liquor rising from 60 cents to $2 per gallon, while in 1865 the rates were still further increased. After that time the excise rates gradually declined, till in 1875 the liquor tax stood at 90 cents per gallon. Excise rates remained thus until 1894 when the tax on liquor was raised to $1.10. During the Spanish War, however, excise rates were again raised, those on fermented liquors being doubled. By an act of March, 1902, however, the last of the war taxes were removed and the rate of excise was left as it was before the war.

By the War Revenue Act of 1918 (approved February 24, 1919), the excise taxes were set as follows: On all distilled spirits in bond, or to be imported, $2.20 on each proof gallon ($6.40 if used for beverage purposes). On distilled spirits on which internal revenue has been paid, a floor tax of $3.20 per proof gallon. On distilled spirits or wines thereafter refined, purified or rectified, 30 cents on each proof gallon and 15 cents floor tax. On beer, ale, etc., containing ½ per cent or more of alcohol, $6 per barrel of not over 31 gallons. On wines up to 14 per cent alcoholic content, 16 cents per wine gallon; 14 per cent to 21 per cent, 40 cents; 21 per cent to 24 per cent, $1.00; above 24 per cent, classified as distilled spirits. On champagne or sparkling wine, 12 cents per half pint when sold or removed; on carbonated wine, liquors, cordials, etc., 6 cents. These taxes naturally became largely inactive with the advent of Prohibition. The 1921 act provided also an additional tax of $4.20 a gallon on distilled spirits which had paid a non-beverage tax of $2.20 a gallon, but had been converted to beverage purposes. After January 1, 1922, the tax on beverages from cereals, etc., on grape and other fruit juices, on so-called soft drinks, on mineral and table waters, etc., was two cents a gallon. Upon soda fountain syrups, etc., nine cents a gallon, except for those used in carbonated waters sold in bottles, where the tax was five cents a gallon, and upon carbonic acid gas for use in soft drinks, four cents a pound.

The act of 1921 cancelled many of the excise taxes and so-called luxury taxes imposed by the act of 1919, leaving taxes effective after January 1, 1922, as follows:

Automobile trucks and accessories sold with them, 3% of the selling-price; other automobiles and accessories for them, 5%; cameras and lenses, 10%; films and plates, 5%; candy, 3%; firearms and cartridges, 10%; hunting knives, 10%; dirks, daggers, etc., 100%; meerschaum or amber cigar and cigarette holders, humidors and smoking-stands, 10%; slot-device vending machines, 5% (10% on weighing machines); liveries, 10%; hunting and riding garments, 10%; pleasure yachts and motor boats, and pleasure boats and canoes selling for more than $100, 10%; works of art, except those sold by the artist or those sold to educational institutions or by one dealer to another, 5%; jewelry, 5%; and 5% on the amount above the specified selling price of the following articles:—carpets, $4.50 square yard; rugs,, $6 square yard; trunks, $35; valises, etc., $25; purses and hand-bags, $25; portable lighting fixtures, $10; and fans, $1.

In the fiscal year ending June 30, 1921, the excise taxes collected by the Government included:

Distilled spirits	$ 82,598,065
Fermented liquors	25,364
Manufacturers' Excise Taxes	177,751,214
Consumers' Excise Taxes	111,441,911

Included in the above were $11,640,056 tax on commercial automobiles, $64,388,184 on passenger automobiles, $39,518,009 on automobile accessories, $20,436,700 on candy, $58,675,973 on soft drinks, etc., and $46,678,541 as "luxury" taxes.

Excises, power to lay and collect vested in Congress, 18.

Excise Tax, power to levy rests in national government, 7391. (See Taxation.)
Distilled liquors, on, 91, 97, 104, 142, 150-9, 316.

Executive.—That branch of a government to which the execution of laws is entrusted. The executive may be a king, an emperor, or a president, or a council or other body. From 1775 to 1789 the United States Government had no other executive than Congress, which, however, created a Board of War, Board of Treasury, etc. The Constitution invested the President with executive power, sharing only the powers of appointment and treaty making with the Senate.

Executive Departments were established by the First Congress under the Constitution. Governors appointed by the Crown exercised the executive functions of the Colonies, except in Rhode Island, Connecticut, and for a short time in Massachusetts, where governors were elected by the people. At the outbreak of the Revolution, when the royal governors had been deprived of their powers, and before the State constitutions had been adopted, executive power was vested in a committee of safety. In some Colonies an executive council, with a president or chairman, was chosen by the provincial congresses. Most of the state constitutions provided for governors.

In the United States the Executive is one of the three great branches of government, the other two being the legislative and the judicial. Historically the legislative branch is first, because it was placed first in order in both the work of the Convention and in the final draft of the Constitution. Practically the executive branch is clearly prior in consideration so far as foreign powers are concerned. Under some Administrations executive power has been greatest in influence; under others perhaps smallest of the three. The weight of the Executive has steadily increased since the inauguration of the Government, not only on account of the appointing power, which is shared with the Senate and which grows with the expansion of the Republic, but for other reasons. The President's functions are constantly exercised when Congress and the judiciary are taking recess. Besides, he is the one person who represents to the average citizen the concrete majesty of law—the embodiment of authority in a democratic representative government.

Executive Cabinet.—Official conduct of, complimented, 2203, 2714.

Executive Departments.—The executive branch of the United States Government comprises the following ten subordinate Departments, each of which is presided over and directed by a head who is known as the Secretary of the Department. The Secretaries of the various Departments constitute what is termed the "Cabinet" (q. v.). They are chosen by the President, but must be confirmed by the Senate. Each acts under the authority of the President. The annual salary is $12,000. (1) State, which administers foreign affairs; (2) Treasury, which has charge of the finances; (3) Justice, which is the legal counsel of the Government; (4) War, which administers military affairs; (5) Post-office, which has charge of the postal service; (6) Navy, which has charge of naval affairs; (7) Interior, which has charge of matters pertaining to home affairs, including public lands, Indians, patents, pensions, education, railroads, and census; (8) Agriculture, which collects and disseminates information on agricultural subjects; (9) Commerce, which cares for the commercial, manufacturing, census, corporations, fisheries and navigation interests of the country; (10) Labor, which has charge of the immigration bureau and statistics of labor. The Department of Labor, which was created June 13, 1888, and absorbed into the Department of Commerce and Labor on its establishment, Feb. 14, 1903, was an independent Executive Department, although its head was known as a Commissioner, instead of Secretary, and was not a member of the Cabinet. The Department of Commerce and Labor was again divided in 1913 into the Department of Commerce and the Department of Labor.

Executive Departments (see also the several Departments):
Acts regarding advertising of, vetoed, 4388.
Advertising in newspapers by, inquired into, 2911.
Aliens employed in, report on number of, transmitted, 6102.
Applications to, should be in writing, 3456.
Appointment of laborers, 6707.
Appointments and promotions in, order regarding preference to be given veterans in, 3637, 6703.
Appointments in, having relation to civil service, 4990. (See also Executive Nominations.)
Buildings occupied by, referred to, 3897.
Canvassing for outside support for promotion forbidden, 6703.
Circulars asking for political contributions circulated in, 4784.
Civil service extended to, 6893.
Closed for Thanksgiving, 3245.
Communications to be transmitted to head of proper Department, order regarding, 3859, 3981.
Employees in—
Official conduct of, complimented, 2714.
Order permitting—
To participate in decoration of graves of soldiers, 3862, 4118, 4137, 4184, 4237, 4282, 4352, 4402, 4443, 4508, 4552, 4603, 4712, 4753, 4818, 4899, 5078, 5350, 5463, 5540, 5609, 5832, 5949, 6046.
To participate in public exercises, 4879, 6590, 6595, 6611.
To witness inauguration of President Cleveland, 4881.
Ordered to organize into companies for defense of Washington, 3323.
Partisan interference in elections by. (See Elections.)
Referred to, 3585.

Rendering honors to rebel living or dead, inquired into, 3591.
Wages of, not to be affected by reduction in hours of labor, 3969, 4129.
Examination of operations of, invited, 6058.
Extension of power to make temporary appointments of heads of, recommended, 3348, 5568.
Faulty conduct of, 6989.
Functions of, would be assisted by Cabinet representation in Congress, 7811.
Personal interviews with heads of, order regarding, 3546.
Postage accounts of, referred to, 2360.
Power of judiciary over, discussed, 1720.
Record of efficiency of persons in, 5642.
Recommended, 5615.
Redistribution of bureaus among, recommended, 6989, 7105, 7229.
Superannuated employees, 7706.
Transfer of duties among, recommended, 2264, 4060.
Vacancy occasioned by death of head of, recommendations regarding filling, 3348, 5568.

Executive Mansion. (See White House.)

Executive Mansion:
Completion of, 595.
Furniture should be provided for, by Congress, 595.
Improvement of, 808.
Restoration of, 6729, 6739.

Executive Nominations (see also Removals from Office):
Act—
Prescribing oath of office to be taken by persons who participated in rebellion discussed, 4076.
Regulating tenure of certain civil offices vetoed. (See Tenure-of-Office Act.)
Appointing power discussed by President—
Buchanan, 3190.
Fillmore, 2616.
Jackson, 1261, 1272, 1351.
Johnson, 3690, 3767, 3820.
Tyler, 1903, 1958.
Appointments—
Applicants refused by President Tyler, 1958.
For limited period, 638.
Referred to, 3662.
Relation of members of Congress to, discussed, 4557.
Discussed, 3062.
Errors in, arrangements for corrections of, recommended, 802.
Interviews with President, 5831.
Persons appointed or permitted to continue in office without consent of Senate inquired into, 3663.
President Madison declines to confer with Senate regarding, 515.
Rejections of, President Jackson's message asserting that Senate is not required to give reasons for, 1261.
Renewal of, 2646.
Request of—
House for names of applicants for office refused by President Tyler, 1958.
Senate for correspondence regarding, right to make, denied by President Jackson, 1272.
Senate for reasons for making, refused by President Jackson, 1261, 1351.
Resolution of Senate regarding, and reply of President Hayes, 4433.
Rules regulating interviews with President regarding, discussed, 5831.
Withdrawal of, by President—
Harrison, W. H., not acted on by Senate, 1876.
Jackson, not acted on by Senate, 1002.

Executive Orders. (See the several subjects.)

Executive Salaries. (See Salaries, Executive.)

Executive Service, investigation of, 7189.

Executive Session.—The Constitution of the United States provides that the president "shall have power, by and with the advice and consent of the senate, to make treaties, provided two-thirds of the senators present concur; and he shall nominate and, by and with the advice and consent of the senate, shall appoint ambassadors, other public ministers, and consuls, judges of the Supreme Court, and all other officers of the United States whose appointments are not herein otherwise provided for, and which shall be established by law." A rule of the senate providing for the manner of advising and consenting to executive recommendations requires that "when acting upon confidential or executive business, unless the same shall be considered in open executive session, the senate chamber shall be cleared of all persons except the secretary, the chief clerk, the principal legislative clerk, the executive clerk, the minute and journal clerk, the sergeant-at-arms, the assistant doorkeeper, and such other officers as the presiding officer shall think necessary, and all such officers shall be sworn to secrecy." The senate is then said to be in executive session. The house holds no executive sessions. It may go into secret session, however, whenever confidential communications are received from the president, or whenever the speaker or any member shall inform the house that he has a communication which ought to be kept secret for a time.

Exequatur.—A Latin word meaning "Let him execute." In diplomatic usage the word is used to signify a document authorizing an official to act in the capacity of agent or representative. Usually a written recognition of a person in the character of consul or commercial agent issued by the government to which he is accredited and authorizing him to exercise his powers. The government from which an exequatur is asked has the right to refuse it either on political or personal grounds. The government may also withdraw it. When deprived of his exequatur a consul may withdraw with his records or delegate his powers to another, according to instructions.

Exequaturs:
Refusal of Turkey to grant exequaturs to consuls of United States referred to, 6092, 6148.
Revoked—
Consul of—
Belgium, 3420.
Chile, 3625.
France, 260.
Frankfort, 3709.
Great Britain, 2924, 2925.
Hanover, 3709.
Hesse, 3709.
Nassau, 3709.
Oldenburg, 3710.
Spain, 2588.
Sweden and Norway, 3626.
Revocation annulled, 3630.
Vice-Consul of—
Portugal, 4038.
Sweden and Norway, 3627.
Revocation annulled, 3630.

Exhibitions (see also Adelaide; Antwerp; Arcachon; Atlanta; Barcelona; Bergen; Berlin; Boston; Brussels; Caracas; Chicago; Cincinnati; Hamburg; London; Louisville; Madrid; Melbourne; Munich; New Orleans; Oporto; Paris; Philadelphia; Sydney; Vienna):
Alaska-Yukon-Pacific, object of, 7052, 7103.
Charlestown, commended, 6675.
Discretionary authority to send delegates to, recommendations regarding, 4714, 4763, 4827, 5546, 6325.
Jamestown, 6913, 6952, 7006.
Lewis and Clark, 6798.
Louisiana Purchase, 6686, 6796, 6675.
Pan-American, marred by assassination of President McKinley, 6675.

Exhibits, Office of, Agriculture Department.—The Bureau of Forestry in the Department of Agriculture, in the prosecution of its educational work, makes exhibits consisting of models, specimens, maps, drawings, transparencies and bromide enlargements of its work at county and state fairs and national expositions. More than 1,700 lantern slides were loaned to 386 persons engaged in educational work. Traveling exhibits of photographs, maps, drawings and wood samples were loaned to 172 schools and libraries.

The Office of Public Roads and Rural Engineering in the prosecution of its educational work, delivers lectures and makes exhibits consisting of models and enlarged photographs illustrating the best methods of road, bridge and culvert construction, road drainage, maintenance, repair, roadside treatment, road building, equipment, machinery, etc., at expositions, congresses, conventions, and fairs. A "good roads" train, with motion picture equipment, makes tours of the country.

Other bureaus maintain similar equipment and educational exhibits and transport the same from place to place upon request of a sufficient number of interested persons. Requests for this service and reports thereon for convenience are made through the Office of Exhibits.

Expansion.—The term has been particularly applied to the territorial growth of the United States, as when Louisiana Territory and Alaska were purchased. The term was used especially in the campaign of 1900 when the Democrats assailed the Republican policy of expansion on the question of the acquirement of the Philippines and Porto Rico, and of control over Cuba.

Expansion, Territorial:
Annexation discussed. (See Alaska; California; Cuba; Florida; Gadsden Purchase; Hawaiian Islands; Louisiana Purchase; New Mexico; Philippine Islands; Puerto Rico; St. John Island; St. Thomas Island; Santo Domingo; Texas; Yucatan.)
Foreign policy discussed by President—
Adams, John, 228.
Adams, J. Q., 862, 868, 884, 895, 903, 922, 950.
Buchanan, 2966, 2998, 3037, 3041, 3066, 3089, 3092, 3173, 3177.
Cleveland, 4912, 5867, 5871, 5873, 5892, 5955, 5963, 6064, 6068, 6087, 6148.
Fillmore, 2614, 2656, 2701, 2715.
Grant, 3985, 4006, 4015, 4018, 4050, 4053, 4082, 4101, 4143, 4176, 4192, 4245, 4290, 4365.
Harrison, Benj., 5445, 5618, 5750, 5783.
Harrison, W. H., 1873.
Hayes, 4418, 4420.
Jackson, 1159, 1222, 1324, 1370, 1378, 1456, 1484, 1500.
Jefferson, 311, 346, 349.
Johnson, 3564, 3581, 3777, 3886, 3888.
Lincoln, 3248, 3255, 3327, 3444.
McKinley, 6248, 6281, 6295, 6307.
Madison, 452, 473.
Monroe, 573, 582, 624, 627, 639, 672, 685, 762, 787, 791, 817, 829.
Pierce, 2731, 2745, 2807, 2864, 2904.
Polk, 2229, 2236, 2248, 2276, 2322, 2337, 2361, 2386, 2431, 2437, 2444, 2480.
Taylor, 2548, 2555.
Tyler, 1890, 2049, 2064, 2160, 2169, 2171, 2176, 2190, 2193, 2206.

Van Buren, 1590, 1702, 1748, 1819.
Washington, 120, 213.

Expatriation.—The voluntary renunciation of the rights and liabilities of citizenship in one country to become the citizen or subject of another. The right of expatriation has been sanctioned by custom and usage in the United States. The government has even in a number of instances refused protection to native-born and naturalized citizens on the ground that they had expatriated themselves. An act of Congress of July 27, 1868, declared it the natural and inherent right of all people, and any denial or restriction thereof contrary to the fundamental principles of government. An act of Congress, approved March 2, 1907, defined the conditions under which an American citizen may expatriate himself. It provides that any American citizen shall be deemed to have expatriated himself when he has been naturalized in any foreign state in conformity with its laws, or when he has taken an oath of allegiance to any foreign state. When any naturalized citizen shall have resided for two years in the foreign state from which he came, or for five years in any other foreign state, it shall be presumed that he has ceased to be an American citizen, and the place of his general abode shall be deemed his place of residence during said years: Provided, however, that such presumption may be overcome on the presentation of satisfactory evidence to a diplomatic or consular officer of the United States, under such rules and regulations as the Department of State may prescribe: And provided also, that no American citizen shall be allowed to expatriate himself when this country is at war.

Any American woman who marries a foreigner shall take the nationality of her husband. At the termination of the marital relation she may resume her American citizenship, if abroad, by registering as an American citizen within one year with a consul of the United States, or by returning to reside in the United States, or, if residing in the United States at the termination of the marital relation, by continuing to reside therein. Any foreign woman who acquires American citizenship by marriage to an American shall be assumed to retain the same after the termination of the marital relation if she continues to reside in the United States, unless she makes formal renunciation thereof before a court having jurisdiction to naturalize aliens, or if she resides abroad she may retain her citizenship by registering as such before a United States consul within one year after the termination of such marital relation. A child born without the United States of alien parents shall be deemed a citizen of the United States by virtue of the naturalization of or resumption of American citizenship by the parent: Provided, that such naturalization or resumption takes place during the minority of such child: And provided further, that the citizenship of such minor child shall begin at the time such minor child begins to reside permanently in the United States. All children born outside the limits of the United States who are citizens thereof and who continue to reside outside the United States shall, in order to receive the protection of this government, be required upon reaching the age of eighteen years to record at an American consulate their intention to become residents and remain citizens of the United States, and shall be further required to take the oath of allegiance to the United States upon attaining their majority. Expatriation has been frequently pleaded before the Supreme Court, but the plea has always been overruled. Though the right be admitted, except in the case of persons subject to military service, holding public trusts, or charged with crime the difficulty remains to give evidence of the mode of expatriation. British subjects cease to be such upon being naturalized in other countries, and such persons, in order to be again considered British subjects, must be renaturalized on their return to Great Britain. In France and Germany the somewhat indefinite claim of domicile in a foreign land is accepted as evidence of expatriation.

Expatriation. (See Naturalization Laws.)

Expedition.—A journey by an organized body for the accomplishment of some definite end, as the expedition of a force of the United States army in pursuit of the Mexican bandit, Villa.

Expeditions Against Foreign Powers (see also Neutrality):

Discussed by President—
Arthur, 4640.
Buchanan, 2978, 2997, 3180.
Fillmore, 2643, 2649, 2697.
Jefferson, 394, 395, 400, 417.
Johnson, 3640, 3655, 3658.
Monroe, 582, 583, 590, 592, 601, 609, 769.
Pierce, 2741, 2779.
Polk, 2455.
Taylor, 2549, 2585.
Van Buren, 1616.
Washington, 146.
Proclamations against, by President—
Buchanan, 3027.
Cleveland, 6023, 6126.
Fillmore, 2647, 2648.
Grant, 4039, 4045.
Jefferson, 392.
Johnson, 3631.
Madison, 546.
Pierce, 2804, 2805, 2921.
Taylor, 2555.
Tyler, 1925.
Washington, 149.

Expeditions, Exploring. (See Exploring Expeditions.)

Expeditions, Unlawful. (See Expeditions Against Foreign Powers.)

Expenditures, Public.—In 1794 the annual expenditures of the Federal Government amounted to only $6,300,000. In 1814 they ran up, on account of the war with Great Britain, to $34,700,000. They fell in 1834 to $18,600,000. In 1854 they were $55,000,000. During the last year of the Civil War (1865) they amounted to $1,295,000,000; but in 1878 they had declined to $237,000,000. For the following ten years the expenditures averaged $260,000,000 per annum. For the fiscal year ending June 30, 1893, they were $459,400,000, made up largely of interest and pensions. In 1896 they were $434,678,654, and for the year ending June 30, 1899, they had increased to $605,072,180. Since the Spanish War the expenditure has naturally been reduced; for the year ending June 30, 1905,

it was $567,411,611, or some $23,987,752 in excess of the revenue. In 1907 the expenditures were $578,360,592, and the revenues amounted to $665,306,134, which is $86,945,543 more than the expenditures. The grand total of expenditures of the government for the years 1911-1912, appropriated by the Sixty-first Congress at its third session, was $1,025,489,661.54. The receipts for the fiscal year ending, from customs, amounted to $701,372,375. Expenditures for the year ended June 30, 1913, were $1,010,812,449, including postal.

The following table shows the classification of the expenditures for the fiscal year ending in 1918:

Civil and Miscellaneous	$ 1,507,367,481
War Establishment	5,684,348,623
Navy Establishment	1,368,642,793
Indians	30,888,776
Pensions	181,137,754
Interest on Public Debt	197,526,608
Total, Ordinary Disbursements	8,966,532,266
Post-Office Department[1]	324,849,188
Panama Canal	20,787,624
Public Debt Disbursements	7,706,879,075
	$21,823,636,158

[1] The revenues from the Postal service slightly exceeded this sum.

For the fiscal year ending in 1919, the ordinary disbursements were $14,935,848,739.

The ordinary expenditures of the Federal Government for recent years exclusive of postal, have been as follows:

1913-14	$ 700,254,490
1914-15	731,299,759
1915-16	724,492,999
1916-17	1,147,898,991
1917-18	8,966,532,266
1918-19	14,935,848,740

Expenditures, Public (see also Foreign Intercourse):
Act making appropriations for—
Approved and reasons therefor, 3128, 4327.
Vetoed, 4488.
Act making appropriations to supply deficiencies vetoed, 6115.
Auditing of, improvement urged in, 8810.
Congress warned about, 6238.
Contingent fund, account of, rendered, 80, 127, 325, 343, 354, 366, 382, 405, 421, 447, 482.
Discussed. (See Finances discussed.)
During six years of President Roosevelt's administration, 7082.
Economy in, urged, 5890, 6177, 6654.
Economy of, 8019.
Estimates, etc., of, referred to, 281, 297, 4213, 4523.
Failure of Congress to provide for, discussed, and recommendations regarding, 3073, 3102, 4322, 4404, 4472.
Provisions for, recommended by President—
Buchanan, 3073
Hayes, 4472.
Van Buren, 1541.

Experiment Stations, Office of.—These are public institutions for ascertaining facts useful to the agriculturist. Scientific conduct of experiments in the growth and improvement in plants and animals requires close attention, long time and the outlay of considerable money. Thus only the fortunate individual possessing these essentials can seriously devote himself to experiments which often result in discouraging failure and which, when successful, often inure to the benefit of few and at the expense of many. Consequently the state and Federal governments have established public stations where experiments may be methodically carried on and the successful results freely given to the public.

The first agricultural experiment station in America was begun at Wesleyan University, at Middletown, Conn., in 1875, though similar work had previously been done at some of the agricultural colleges. By 1887 there were seventeen stations in fourteen different states. That year Congress passed what is generally referred to as the Hatch Act, giving to each state and territory $15,000 a year from the national treasury to maintain an experiment station as a department of the agricultural college established under the land-grant act of 1862. It was presumed that the states would provide the land, buildings and equipment, and spend the money carrying on the experiments and reporting the results. There are now sixty-five of these stations.

The work of the stations is thus outlined in the act: "It shall be the object and duty of said experiment stations to conduct original researches or verify experiments on the physiology of plants and animals, the diseases to which they are severally subject, with the remedies for the same; the chemical composition of useful plants at their different stages of growth; the comparative advantages of rotative cropping as pursued under a varying series of crops; the capacity of new plants or trees for acclimation; the analysis of soils and water; the chemical composition of manures, natural and artificial, with experiments designed to test their comparative effects on crops of different kinds; the adaptation and value of grasses and forage plants; the composition and digestibility of the different kinds of food for domestic animals; the scientific and economic questions involved in the production of butter and cheese; and such other researches or experiments bearing directly on the agricultural industry of the United States as may in each case be deemed advisable, having due regard to the varying conditions and needs of the respective states and territories."

Under this act agricultural experiment stations are in operation in all the states and Alaska, Hawaii, Porto Rico and Guam. A number of substations are also maintained. The states have in recent years greatly increased their appropriations to these stations to supplement the Federal funds. The total annual appropriation to the several stations is now between $4,000,000 and $5,000,000.

Experiment Stations, discussed, 5384, 5888, 5980, 6347. (See also Agriculture, Department of.)
Experiment Stations, Agricultural, report of, 6733, 6861.

Exploration.—An investigation of unknown parts, as the Lewis and Clark exploration (See Lewis and Clark Expedition.)

Exploring Expeditions (see also Arctic Expeditions; *Jeannette* Polar Expedition: Lady Franklin Bay Expedition; Pacific Ocean Exploring Expedition; South Sea Exploring Expedition; Wilkes Exploring Expedition).
Across continent recommended, 341, 886.
Naval expeditions referred to, 4449.

Explosives:
Manufacture of, forbidden, 8378.
Order to prevent shipment of, 4815.

Export Duties, levied by foreign powers referred to, 4744.

Exporters:
Co-operation among, 8158, 8185.
Regulated combinations of, for foreign trade, need for 8405.

Exports.— (See Commerce.)

Exports:
Aggregate of, to France referred to, 768.
Control of, during war, explained, 8301.
Embargo on—
Coin, bullion and currency, 8355.
Regulations relating to, 8357.
General, 8309.
Modification of laws regarding, recommended, 527.
Recommended, 526.
Various commodities, 8333, 8455.
Statement concerning 8337.
Laws in regard to, 528, 866.
Prohibition on—
Recommended, 517.
Removal of, recommended, 527.
Value of, for year ending June—
1845, 2252; 1846, 2346; 1847, 2401; 1848, 2496; 1851, 2658; 1852, 2705; 1877, 4422; 1881, 4633; 1884, 4830; 1885, 4925; 1886, 5093; 1890, 5555; 1891, 5627; 1892, 5743; 1893, 5875, 5887; 1894, 5964, 5978; 1896, 6156, 6171; 1899, 6357; 1900, 6439.
Value of, from commencement of Government, 1045.

Exports Administrative Board, abolished, 8368.

Exports and Imports of the United States. (See Imports and Exports.)

Exports Council, creation of, 8300.

Expositions. (See Exhibitions.)

Ex Post Facto Law. — A law passed after the commission of a crime or misdemeanor for which it provides punishment; a retroactive law. The Constitution of the United States prohibits the passage of such laws either by Congress or by any other legislative body.

Express, The, American vessel attacked by, 2675, 2680.

Express Service. — The express business of the United States developed almost as early as the railroads themselves, the need for the former becoming evident almost as soon as the latter became firmly established. In 1839, a William F. Harnden began to make four trips weekly between New York and Boston with a valise in which he carried valuable packages and parcels for his customers. It is possible that he was anticipated by a few years by individuals who were less regular in their journeys, one company still in existence claiming 1836 as its origin, with a route between Boston and Taunton.

In 1840, Alvin Adams became a competitor of Harnden, and soon afterwards a number of individuals and companies were engaged in rendering what we know today as express service. In 1850, a number of smaller companies were organized into the American Express Company; in 1854, the United States Express Company and the Adams Express Company were organized.

Until the European War, there seems to have been popular acquiescence in the rendering of the express service by private enterprise in the United States. In Europe, however, the governments had incorporated the express service in their railroad and postal administrations well before the end of the nineteenth century.

Until 1906, attempts to regulate the express companies were spasmodic and futile. In that year, the Hepburn Act gave the Interstate Commerce Commission the same general supervision over the express companies as over the railroads; and in 1910 the Mann-Elkins Act made that supervision more definite and comprehensive. In 1912, the Interstate Commerce Commission utilized its powers to order a sweeping reduction in rates and other reforms in the administration, ownership and methods of business of the companies, since which time they have been closely regulated. The advent of the parcels post was another blow to the companies, the United States Express Company dissolving as a result.

In May, 1918, it having become evident that government control was necessary for the highest efficiency of the express service of the country, the Adams, American, Wells-Fargo and Southern Express Companies formed a new express company under the Federal Railroad Administration, to which the name of the American Railway Express Company was given. Under this arrangement, the new company was made the government's agency for carrying on the express business of the United States, the government making contracts with it and controlling the character of its service and the rates charged. This new company was capitalized only to the extent of the actual property and cash put into the business, and the Government was to share on an increasingly progressive scale in any profits derived from the business.

The Railroad Administration received 50¼ per cent of the operating revenues (gross earnings), and from the balance the company paid all operating expenses, taxes, and a 5 per cent dividend on its capital stock. The new method of conducting the express business eliminated all unnecessary duplication in facilities, accounting, transporting, etc. and the organization was continued after the Government returned the express companies to their owners on March 1, 1920.

In 1917, express companies doing business in the United States covered the following mileage:

Adams Express Company....	48,602
American Express Company..	73,269
Canadian Express Company..	12,447
Great Northern Express Co..	9,095
Northern Express Company..	8,290
Southern Express Company..	34,918
Wells-Fargo Express Company	115,521
Western Express Company...	5,237
Total	307,400 miles

Of the total mileage, 84 per cent was over steam roads, 12½ per cent over water-routes, 3 per cent over electric lines and ½ of 1 per cent over stage and sleigh lines. It will be seen that practically every railroad and steamboat point in the country is reached by the express lines, but that all points not situated on such mediums of transportation are not so covered, as, for instance, they are covered by the Rural Free Delivery.

In 1917, the total charges collected by the express companies amounted to $222,860,373. Of this amount, 47½ per cent was given to the railroads for transporting the business of the express companies. The capital stock of all the companies was only $59,008,600, the business being one in which little capital is necessary. The capital of the American Railroad Express Company, described above, was put at $30,000,000.

In addition to express service, the companies render a number of other services, such as buying goods on order for customers, paying bills, issuing travelers' checks and money orders, getting goods out of pawn, selling for customers, etc. In 1917, this business was as follows:

	Number	Value
Money Orders ...	16,035,002	$143,934,982
C. O. D. Checks ..	8,612,106	143,832,226
Cheques	236,071	108,798,279
Travelers Cheques.	1,608,037	34,923,816
Transfers	88,146	136,809,746
Letters Credit ...	1,539	4,126,154

Express Service, Government possession and control of, 8632:
Assumed, 8632.
Ended, 8805.

Expunging Resolutions.—March 28, 1834, the Senate passed a resolution censuring President Jackson and declaring that in removing the Federal deposits from the Bank of the United States he had assumed authority not conferred by the Constitution and the laws. Through the effort of Senator Benton an "expunging resolution" was passed Jan. 16, 1837. A black line was drawn around the resolution of censure in the Journal and across it was written the words "Expunged by order of the Senate this 16th day of January, 1837." The expunging resolution was strenuously opposed by Webster, Clay, and Calhoun.

Extension Banks.—Under the provisions of the Reserve Banking law of 1914 any national banking association possessing a capital and surplus of $1,000,000 or more may file application with the Federal Reserve Board for the purpose of securing authority to establish branches in foreign countries or dependencies of the United States for the furtherance of the foreign commerce of the United States, and to act, if required to do so, as fiscal agent of the United States.

Extradition, International.—Extradition treaties have been concluded by the Government of the United States with the principal governments of the world and many of the smaller ones. The first was that with Great Britain negotiated by John Jay in 1794. Congress, however, made no law for carrying out its provisions. Again, in 1842 a second treaty was negotiated. This was found to be inadequate in many ways. For instance, a criminal whose offense was not covered by the treaty was extradited on another charge and then tried for his real offense. This called forth a protest from Great Britain. By 1886 the treaty of 1842 was found to be entirely inadequate to existing conditions. The Phelps-Rosebery convention of that year offered a more satisfactory system, but was rejected by the Senate. That body, however, ratified the Blaine-Pauncefote convention of 1889, which accomplished the desired result. The United States has now extradition treaties with forty nations, but has no such treaties with the following countries: Bulgaria, China, Costa Rica, Dominican Republic, Egypt, Greece, Honduras, Korea, Morocco, Paraguay, Persia, Roumania, and Siam. The latest extradition treaties made were those with Cuba and Uruguay in 1905. Crimes which are recognized as extradital with all nations are: murder, and attempts to murder, arson, robbery, embezzlement, forgery and counterfeiting. Crimes at sea are extradital with all but France. Burglary, criminal assault, abduction, perjury and destruction of railroads are extradital under the majority of the treaties. (See Treaties.)

Extradition should be granted in cases of bribery, 6791.

Extradition Treaties.—(See also Fugitive Criminals.) The United States has concluded extradition treaties with all of the principal countries of the world and many of the smaller. These vary greatly in the extraditable crimes. But the general conditions and means of extradition of all are the same. The essential principle of all of these treaties is that a fugitive from justice cannot be extradited from a country for one crime and tried upon another, without having ample opportunity and time to depart from it. The requisition for extradition is made through the diplomatic agents, or when such are wanting through the consular office. Sufficient proof of guilt within the law of the country from which extradition is sought must accompany the requisition; or if the fugitive has been sentenced or convicted prior to his escape, a legalized copy of the sentence of the judge, or of the warrant for arrest, must accompany the requisition. In urgent cases the provisional arrest of the fugitive may be secured by telegraphic or mail request, in which cases proceedings must be begun against the prisoner within a period of, usually, two months.

Political offenses or crimes are not extraditable, and an extradited person cannot be tried subsequently for a political offense, or connection with one prior to extradition. Where the person whose extradition is sought has committed an offense against the laws of the country of the asylum he must be tried, and, if guilty, fulfill his punishment before being handed over to the other nation. Expenses of the extradition are to be borne by the country seeking requisition. No extradition is possible if the offense with which the fugitive is charged is unpunishable by reason of the statute of limitation of the country of asylum. All articles and property in possession of the fugitive at the time of arrest are so far as is practicable to be returned with him, whether or not the proceeds of crime.

Where requests for the extradition of the same person come to a nation from more than one other country, unless directed

otherwise by treaty provisions, he is to be handed over to the officers of the country first making requisition. The countries with which the United States has extradition treaties in force and the extraditable offenses are as follows::

Argentine Republic—(1896). — Homicide, assassination, parricide, poisoning, infanticide, manslaughter, or the attempt to commit any of these crimes; arson, burglary, house-breaking, shopbreaking, robbery with violence, larceny of the value of $200; forgery, counterfeiting, embezzlement of public monies or of private funds exceeding $200; fraud or breach of trust of $200; perjury or subornation of perjury; rape, abduction, kidnapping or child-stealing; train-wrecking, accomplished or attempted; piracy, mutiny, destroying or attempting to destroy a ship; assaults on shipboard; and trading in slaves where such is prohibited by the laws of both countries.

Austria-Hungary—(1856).—Murder, assault with intent to kill, piracy, arson, robbery, forgery, making or circulating counterfeit money, or embezzlement of public monies.

Baden—(1857).—Murder, attempt to commit murder, piracy, arson, robbery, forgery, making or circulation of counterfeit money, or embezzlement of public money.

Bavaria—(1853).—Murder, assault with intent to commit murder, piracy, arson, robbery, forgery, making or circulating counterfeit money, or embezzlement of public money.

Belgium—(1901).—Murder, parricide, assassination, poisoning, infanticide, attempt to commit murder, rape, attempt to commit rape, bigamy, abortion, arson, piracy, mutiny on shipboard, larceny, burglary, house-breaking, forgery, making or circulating counterfeit money, embezzlement of public money, or of private funds, exceeding $200 or 1,000 francs; train-wrecking, obtaining money or goods under false pretences, kidnapping of minors, and reception of stolen articles.

Bolivia—(1900).—Murder, assassination, parricide, infanticide, poisoning, attempt to commit murder, manslaughter, arson, robbery, burglary, forgery, counterfeiting, embezzlement exceeding $200; fraud or breach of trust when $200 or more is involved: perjury, subornation of perjury, rape, abduction, kidnapping, train-wrecking, piracy, mutiny, destroying a vessel, assaults at sea, slave-trading in violation of the laws of both countries.

Brazil—(1898).—Same as Bolivia.

Chile—(1900).—Same as Bolivia.

China.—No extradition.

Colombia—(1888).—Same as Bolivia.

Cuba.—1. Murder, comprehending the offenses expressed in the Penal Code of Cuba as assassination, parricide, infanticide and poisoning; manslaughter, when voluntary; the attempt to commit any of these crimes. 2. Arson. 3. Robbery, defined to be the act of feloniously and forcibly taking from the person of another money, goods, documents, or other property, by violence or putting him in fear; burglary; house-breaking and shop-breaking. 4. Forgery, or the utterance of forged papers, or falsification of the official acts or documents of the Government or public authority, including courts of justice, or the utterance or fraudulent use of any of the same. 5. The fabrication of counterfeit money, whether coin or paper, counterfeit titles or coupons of public debt, bank-notes, or other instruments of public credit; of counterfeit seals, stamps, dies and marks of state or public administration, and the utterance, circulation or fraudulent use of any of the abovementioned objects. 6. Embezzlement by public officers or depositaries; embezzlement by persons hired or salaried to the detriment of their employers; obtaining money, valuable securities or other personal property by false devices, when such act is made criminal by the laws of both countries and the amount of money or value of the property so obtained is not less than two hundred dollars in gold. 7. Fraud or breach of trust (or the corresponding crime expressed in the Penal Code of Cuba as defraudation) by a bailee, banker, agent, factor, trustee, or other person acting in a fiduciary capacity, or director or member or officer of any company, when such act is made criminal by the laws of both countries and the amount of money or the value of the property misappropriated is not less than two hundred dollars in gold. 8. Perjury; subornation of perjury. 9. Bribery; defined to be the giving, offering or receiving of a reward to influence one in the discharge of a legal duty. 10. Rape, bigamy. 11. Wilful and unlawful destruction or obstruction of railroads, trains, bridges, vehicles, vessels or other means of transportation or public or private buildings, when the act committed endangers human life. 12. Crimes committed at sea, to wit: (a) Piracy, by statute or by the law of nations. (b) Revolt, or conspiracy to revolt, by two or more persons on board a ship on the high seas against the authority of the master. (c) Wrongfully sinking or destroying a vessel at sea, or attempting to do so. (d) Assaults on board a ship on the high seas with intent to do grievous bodily harm. 13. Crimes and offenses against the laws of both countries for the suppression of slavery and slave-trading. 14. Kidnapping of minors or adults, defined to be the abduction or detention of a person or persons in order to exact money from them or their families, or for any other unlawful end. 15. Larceny, defined to be the theft of money, effects, documents, horses, cattle, livestock or any other movable property of the value of more than fifty dollars. 16. Obtaining by threats of doing injury, money, valuables or other personal property. 17. Mayhem and other wilful mutilation causing disability or death. Extradition is to take place for participation in any of the crimes and offenses mentioned in this treaty not only as principal or accomplices, but as accessories in any of the crimes or offenses mentioned in the present article, provided such participation may be punished, in the United States as a felony and in the Republic of Cuba by imprisonment, hard labor or capital punishment.

Denmark,—Same as Belgium; supplemented by a treaty signed in 1905 extending its provisions to the island possessions of the contracting parties, and including the crime of bribery.

Ecuador—(1872).—1. Murder, including assassination, parricide, infanticide and poisoning. 2. The crime of rape, arson, piracy, and mutiny on shipboard when the crew or a part thereof, by fraud or violence against the commanding officer, have taken possession of the vessel. 3. The crime of burglary, this being understood as the act of breaking or forcing an entrance into another's house with intent to commit any crime, and the crime of robbery, this being defined as the act of taking from the person of another, goods or money with criminal intent, using violence or intimidation. 4. The crime of forgery, which is understood to be the wilful use or circulation of forged papers or public docu-

ments. 5. The fabrication or circulation of counterfeit money, either coin or paper, of public bonds, bank bills and securities, and in general of any kind of titles to or instruments of credit, the counterfeiting of stamps, dies, seals, and marks of the state, and of the administrative authorities, and the sale or circulation thereof. 6. Embezzlement of public property, committed within the jurisdiction of either party by public officers or depositaries.

France—(1843).—Murder, assassination, parricide, infanticide, poisoning, attempted to commit murder, rape, forgery, arson, and embezzlement. By the treaty of 1845: Robbery, burglary, and house-breaking. By the treaty of 1858: Making or circulating counterfeit money and embezzlement by hired or salaried persons. By the treaty of 1909: 1. Murder, assassination, parricide, infanticide and poisoning; manslaughter, when voluntary; assault with intent to commit murder. 2. Rape, abortion, bigamy. 3. Arson. 4. Robbery, burglary, housebreaking or shop-breaking. 5. Forgery; the utterance of forged papers, the forgery or falsification of official acts of Government, of public authority, or of courts of justice, or the utterance of the thing forged or falsified. 6. The counterfeiting, falsifying or altering of money, whether coin or paper, or of instruments of debt created by national, state, provincial, municipal or other governments, or of coupons thereof, or of bank-notes, or the utterance or circulation of the same; or the counterfeiting, falsifying, or altering of seals of state. 7. Fraud or breach of trust by a bailee, banker, agent, factor, executor, administrator, guardian, trustee or other person acting in a fiduciary capacity, or director or member or officer of any company, when such act is made criminal by the laws of both countries, and the amount of money or the value of the property misappropriated is not less than $200 or 1,000 francs. Embezzlement by public officers or depositaries; embezzlement by persons hired or salaried, to the detriment of their employers. 8. Larceny; obtaining money, valuable securities or other property by false pretenses, when such act is made criminal by the laws of both countries, and the amount of money of the value of the property fraudulently obtained is not less than two hundred dollars or one thousand francs. 9. Perjury, subornation of perjury. 10. Child-stealing, or abduction of a minor under the age of fourteen for a boy and of sixteen for a girl. 11. Kidnapping of minors or adults. 12. Willful and unlawful destruction or obstruction of railroads, which endangers human life. 13. (a) Piracy, by the law of nations. (b) The act by any person, being or not being one of the crew of a vessel, of taking possession of such vessel by fraud or violence. (c) Wrongfully sinking or destroying a vessel at sea. (d) Revolt or conspiracy to revolt, by two or more persons on board a ship on the high seas, against the authority of the captain or master. (e) Assaults on board a ship on the high seas, with intent to do grievous bodily harm. 14. Crimes and offences against the laws of both countries for the suppression of slavery and slave-trading. 15. Receiving money, valuable securities or other property knowing the same to have been unlawfully obtained, when such act is made criminal by the laws of both countries and the amount of money or the value of the property so received is not less than $200 or 1,000 francs.

Great Britain—(1889).—Voluntary manslaughter, counterfeiting, embezzlement, larceny, receiving stolen goods, fraud, perjury, subornation of perjury, rape, abduction, child-stealing, kidnapping, burglary, house-breaking, piracy, mutiny, destroying a vessel, assault at sea, slavery and slave-trading. By a supplement of 1900 there were added: Obtaining money under false pretenses, train-wrecking, and procuring abortion.

Greece.—No extradition.

Guatemala—(1903).—Same as Bolivia, with the addition of: Mayhem, bigamy, bank robbery, embezzlement of bank funds, obtaining money or property by threat and receiving same.

Haiti—(1864). — Murder, assassination, parricide, infanticide, poisoning, attempt to commit murder, piracy, rape, forgery, counterfeiting, arson, robbery, and embezzlement.

Honduras.—Until 1909 we had no extradition treaty with Honduras. During that year Secretary Root negotiated a convention covering a longer list of extraditable offenses than the existing treaty with Mexico, which had theretofore been considered fairly complete and a model form for application to contiguous territory. They are: 1. Murder, comprehending the crimes designated by the terms of parricide, assassination, manslaughter, when voluntary; poisoning or infanticide. 2. The attempt to commit murder. 3. Rape, abortion, carnal knowledge of children under the age of twelve years. 4. Bigamy. 5. Arson. 6. Willful and unlawful destruction or obstruction of railroads, which endangers human life. 7. Crimes committed at sea: (a) Piracy, as commonly known and defined by the law of nations, or by statute. (b) Wrongfully sinking or destroying a vessel at sea or attempting to do so. (c) Mutiny or conspiracy by two or more members of the crew or other persons on board of a vessel on the high seas, for the purpose of rebelling against the authority of the captain or commander of such vessel, or by fraud or violence taking possession of such vessel. (d) Assault on board ships upon the high seas with intent to do bodily harm. 8. Burglary, defined to be the act of breaking into and entering the house of another in the night time with intent to commit a felony therein. 9. The breaking into and entering into the offices of the Government and public authorities, or the offices of banks, banking houses, saving banks, trust companies, insurance companies, or other buildings not dwelling with intent to commit a felony therein. 10. Robbery, defined to be the act of feloniously and forcibly taking from the person of another, goods or money by violence or by putting him in fear. 11. Forgery or the utterance of forged papers. 12. The forgery or falsification of the official acts of the Government or public authority, including courts of justice, or the uttering or fraudulent use of the same. 13. The fabrication of counterfeit money, whether coin or paper, counterfeit titles or coupons of public debt, created by national, state, provincial, territorial, local, or municipal governments, bank-notes or other instruments of public credit, counterfeit seals, stamps, dies, and marks of state or public administrations, and the utterance, circulation, or fraudulent use of the above mentioned objects. 14. Embezzlement or criminal malversation committed within the jurisdiction of one or the other party by public officers or depositaries, where the amount embezzled exceeds $200 (or Honduran equivalent). 15. Embezzlement by any person or persons hired, salaried, or employed, to the detriment of their employers or principals, when the crime or of-

fense is punishable by imprisonment or other corporal punishment by the laws of both countries, and where the amount embezzled exceeds $200 (or Honduran equivalent). 16. Kidnapping of minors or adults, and to be the abduction or detention of a person or persons, in order to exact money from them or their families, or for any other unlawful end. 17. Larceny, defined to be the theft of effects, personal property, or money, of the value of twenty-five dollars or more. 18. Obtaining money, valuable securities or other property by false pretenses or receiving any money, valuable securities or other property knowing the same to have been unlawfully obtained, where the amount of money or the value of the property so obtained or received exceeds two hundred dollars (or Honduran equivalent). 19. Perjury or subornation of perjury. 20. Fraud or breach of trust by a bailee, banker, agent, factor, trustee, executor, administrator, guardian, director, or officer of any company or corporation, or by any one in any fiduciary position, where the amount of money or the value of the property misappropriated exceeds two hundred dollars (or Honduran equivalent). 21. The extradition is also to take place for participation in any of the aforesaid crimes as an accessory before or after the fact, provided such participation be punishable by imprisonment by the laws of both contracting parties.

Italy—(1868. 1869, 1884).—Murder, assassination, parricide, poisoning, infanticide, attempt to commit murder, rape, arson, piracy, mutiny, burglary, robbery, forgery, counterfeiting, and embezzlement. By the addition of 1884: Kidnapping.

Japan—(1886).—Same as Haiti.

Luxemburg—(1883).—Same as Great Britain.

Mexico—(1889 and 1902).—The extent of extraditable offenses is greater in the case of Mexico than in any other treaty of the United States, probably on account of the contiguity of territory. The list of extraditable offenses includes: Murder, assassination, parricide, poisoning, infanticide, rape, bigamy, arson, piracy, destroying a vessel, murder, burglary, housebreaking, bank robbery, robbery, forgery, fraudulent use of the courts, counterfeiting, introduction of counterfeiter's tools, embezzlement of public or private funds, embezzlement of bank or trust funds, embezzlement by hired or salaried persons, kidnapping, mayhem, endangering human life by destruction of railroads, bridges, and the like; obtaining money or property by violence, threats, or false pretenses; receiving or buying goods known to have been wrongfully obtained; larceny to the extent of twenty-five dollars or more, or receiving goods to that value, knowing them to have been stolen. By the addition of 1902, bribery was added.

Morocco—No extradition.

Netherlands—(1887).—Same as Great Britain, with the addition of bigamy, abortion, larceny, and embezzlement. Extended in 1904 to the insular possessions of both countries.

Nicaragua—(1905).—Practically the same as with Honduras.

Norway—(1893).—Same as Netherlands.

Ottoman Empire—(1874).—Same as Haiti.

Panama—(1904).—1. Murder; 2. Arson; 3. Robbery; 4. Forgery; 5. Counterfeiting; 6. Embezzlement where the embezzlement exceeds the sum of $200; larceny. 7. Fraud, breach of trust by a bailee, banker, agent, factor, trustee, or other person acting in a fiduciary capacity, or director or member or officer of any company, when such act is made criminal by the laws of both countries and the amount of money or the value of the property misappropriated is not less than $200. 8. Perjury; subornation of perjury. 9. Rape; abduction; kidnapping. 10. Willful and unlawful destruction or obstruction of railroads which endangers human life. 11. Crimes committed at sea: (*a*) Piracy, by statute or by the laws of nations; (*b*) Revolt, or conspiracy to revolt, by two or more persons on board a ship on the high seas against the authority of the master; (*c*) Wrongfully sinking or destroying a vessel at sea, or attempting to do so; (*d*) Assaults on board a ship on the high seas with intent to do grievous bodily harm. 12. Crimes and offenses against the laws of both countries for the suppression of slavery and slave trading. 13. Bribery. Extradition is also to take place for participation in any of the crimes and offenses mentioned in this Treaty, provided such participation may be punished, in the United States as a felony, and in the Republic of Panama by imprisonment at hard labor.

Paraguay.—No extradition.

Persia.—No extradition.

Peru—(1899).—Same as Bolivia.

Portugal—(1908).—Same as Honduras, with the understanding that no death penalty shall be enforced upon surrendered criminals.

Prussia—(1852).—This treaty was concluded by the king of Prussia for Prussia and other states. It was acceded to by Bremen, Mecklenburg-Schwerin, Mecklenburg-Strelitz, Oldenburg, Schaumburg-Lippe, and Württemberg. It includes as extraditable crimes: Murder or assault with intent to commit murder, piracy, arson, robbery, forgery, or the utterance of forged papers, counterfeiting, and embezzlement of public moneys.

Roumania.—No extradition.

Russia—(1887).—Same as Great Britain.

Salvador—(1911).—Same as Honduras with few minor exceptions.

Servia—(1901).—Same as Netherlands.

Siam.—No extradition.

Spain.—Extradition treaties of 1877 and 1882 abrogated by the treaty of friendship of 1902, and reestablished in 1904 by the signature of a treaty similar to that with Honduras.

Sweden—(1893).—Same as Netherlands.

Switzerland—(1900).—Same as Belgium.

Venezuela.—No extradition.

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Ezra's Church (Ga.), Battle of.—On July 27, 1864, Major-General O. O. Howard was appointed to the command of the Army of the Tennessee, and General Hooker resigned the command of the Twentieth Corps, being succeeded by General H. W. Slocum. The Army of the Tennessee was moved from the extreme left to the extreme right of the position before Atlanta. General Hood, taking advantage of this movement, on July 28th attacked the Fifteenth Corps, under Logan, at Ezra's Church. Logan was well supported by Blair's and Dodge's corps. The Federal accounts represent that the fighting continued from noon until 4 o'clock P. M., when the Confederates retired with a loss of 2,000. The Federal loss was 600. General Sherman says that the Confederates sustained an overwhelming defeat, but General Hood states that no material advantage was gained by either opponent, and that the losses were small in proportion to the numbers engaged.

Fabian Socialist.—In the strict sense of the term, a member of the Fabian Society. This English organization had its beginnings in 1888, and is composed of Socialists who pursue a method of cooperation with existing governmental and social agencies, in order thus to sow the seeds of Socialism among them; whereas most Socialists refuse to cooperate or to join with other reform movements. The Society is composed of intellectuals, rather than of workingmen, and among its most famous members are Bernard Shaw and Sidney and Beatrice Webb. In a loose sense, a Fabian Socialist has come to mean any Socialist who desires to achieve the Socialistic ends by opportunist methods. (See Socialism.)

Faeroes Islands. (See Denmark.)

Fair Oaks (Va.), Battle of. (See Seven Pines (Va.), Battle of.)

"Falaba," S. S., loss of American life through sinking of, 8062.

Falkland Islands.—Two large islands surrounded by a group of smaller ones in the South Atlantic between the parallels of 51° and 52° 45′ S., some 300 miles east of the main land of Patagonia, opposite the Strait of Magellan. The combined area of the group is about 7,510 square miles. The islands were visited by John Davis in 1592. In 1761 Commodore Byron took possession of them in the name of Great Britain, and they now constitute a crown colony. The principal occupation of the inhabitants is sheep raising, to which 2,325,000 acres are devoted. Latest figures show some 700,000 sheep. The whaling and seal industry is extensive. The population is about 3,250.

Falkland Islands:
- Claims of Argentina respecting acts of American minister at, 4910.
- Outrages committed on American citizens and vessels at, 1116, 1246.

Far Eastern Affairs, Department of State.—This department was created in 1909, by Secretary of State P. C. Knox. The chief of the Bureau is appointed by the Secretary of State, and the act making appropriations for his office made his salary either $4,500 or $3,000 yearly, at the discretion of the Secretary. The division of Far Eastern Affairs has supervision over matters other than administrative in Japan, China, Siberia, Hongkong, French Indo-China, Siam, Straits Settlements, Borneo, East Indies, India and other Far Eastern countries. (See Department of State; Counselor, Department of State.)

"Farewell Address."—The last address of President Washington, delivered September 17, 1796, at the conclusion of his eight years' of service in the Presidency, is regarded as one of the ablest of American State Papers. Reading of it, in whole or in part, is required before the Army and Navy on Washington's Birthday (see 3306); and by proclamation, as well as by custom, it is read generally to the people on Washington's Birthday. (See 3289.)

Farewell Address of President—
- Jackson, 1511.
- Washington, 205.
  - Army orders regarding reading of, 3306.
  - Proclamation recommending reading of, on Feb. 22, 3289.

Farm Equipment Industry. (See Agricultural Implements.)

Farmer-Labor Party.—A political party organized in Chicago in July, 1920. It had its inception in a conference of some six different radical and liberal groups, called by the Committee of Forty-Eight, an organization of liberals dissatisfied with the Republican, Democratic and Socialist Parties. The conference, however, soon fell under the sway of the American Labor Party, composed of radical or left wing members of the American Federation of Labor, who were opposed to the non-political policy of this largest body of American Labor. The platform adopted followed closely the conventional Socialist pattern, with an admixture of workers' control in industry; with the result that many of the elements represented at the organization conference, such as the Single Taxers, the Non-Partisan League and leaders of the Committee of Forty-Eight, refused to support the new party. Its candidate for President in 1920 was P. P. Christensen, a Salt Lake City attorney; and its candidate for vice-president, Max Hayes, a Cleveland labor leader.

Farmers (see also Agriculture):
- Credits for, needed, 7908. (See also Agriculture.)
- Daylight Saving Law and. (See Daylight Saving.)
- Government co-operation with, 7047.
- Handicaps upon, discussed, 7908.
- Organizations of, and of laborers, relations of with anti-trust legislation discussed by President—
  - Roosevelt, 7343.
  - Taft, 7866.
- Price-fixing discriminates against, 8405.
- Scientific aid for, 6727.
- Southern, should sow crops other than cotton, 8251.
- War duties of, discussed, 8251.
- War services of, discussed, 8813.
- Welfare of, discussed by President—
  - Roosevelt, 6727, 7046.
  - Taft, 7537.
  - Wilson, 7908. (See also Agriculture.)

Farm Loan Act.—This is an act to provide capital for agricultural development, to create standard forms of investment based upon farm mortgage, to equalize rates of interest upon farm loans, to furnish a market for United States bonds, to create Government depositaries and financial agents for the United States, and for other purposes. The short title of this act is "The Federal Farm Loan Act." Its administration is under the direction and control of the Federal Farm Loan Board. Its chief provisions are:

Federal Farm Loan Board.—There shall be established at the seat of government in the Department of the Treasury a bureau charged with the execution of this act and of all acts amendatory thereof, to be known as the Federal Farm Loan Bureau, under the general supervision of a Federal Farm Loan Board.

Said Federal Farm Loan Board shall consist of five members, including the Secretary of the Treasury, who shall be a member

and chairman ex officio, and four members to be appointed by the President of the United States, by and with the advice and consent of the Senate. Of the four members to be appointed by the President, not more than two shall be appointed from one political party, and all four of said members shall be citizens of the United States and shall devote their entire time to the business of the Federal Farm Loan Board; they shall receive an annual salary of $10,000 payable monthly, together with actual necessary traveling expenses.

One of the members to be appointed by the President shall be designated by him to serve for two years, one for four years, one for six years, and one for eight years, and thereafter each member so appointed shall serve for a term of eight years, unless sooner removed for cause by the President. One of the members shall be designated by the President as the Farm Loan Commissioner, who shall be the active executive officer of said board.

Federal Land Banks.—The Federal Farm Loan Board shall divide the continental United States, excluding Alaska, into twelve districts, which shall be known as Federal land bank districts, and may be designated by number. Said districts shall be apportioned with due regard to the farm loan needs of the country, but no such district shall contain a fractional part of any State.

The Federal Farm Loan Board shall establish in each Federal land bank district a Federal loan bank, with its principal office located in such city within the district as said board shall designate. Each Federal land bank shall include in its title the name of the city in which it is located.

Each Federal land bank shall be temporarily managed by five directors appointed by the Federal Farm Loan Board. Said directors shall be citizens of the United States and residents of the district. They shall each give a surety bond, the premium on which shall be paid from the funds of the bank. They shall receive such compensation as the Federal Farm Loan Board shall fix.

After the subscriptions to stock in any Federal land bank by national farm loan associations, hereinafter authorized, shall have reached the sum of $100,000, the officers and directors of said land bank shall be chosen and upon becoming duly qualified, take over the management of said land bank from the temporary officers.

The board of directors of every Federal land bank shall consist of nine members, each holding office for three years. Six of said directors shall be known as local directors, and shall be chosen by and be representative of national farm loan associations; and the remaining three directors shall be known as district directors, and shall be appointed by the Federal Farm Loan Board and represent the public interest.

Directors of Federal land banks shall have been for at least two years residents of the district for which they are appointed or elected, and at least one district director shall be experienced in practical farming and actually engaged at the time of his appointment in farming operations within the district.

Capital Stock.—Every Federal land bank shall have, before beginning business, a subscribed capital of not less than $750,000. The capital stock of each Federal land bank shall be divided into shares of $5 each, and may be subscribed for and held by any individual, firm, or corporation, or by the Government of any State or of the United States. Stock held by national farm loan associations shall not be transferred or hypothecated, and the certificates therefor shall so state. Stock owned by the Government of the United States in Federal land banks shall receive no dividends, but all other stock shall share in dividend distributions without preference. Stock owned by the United States shall be voted by the Farm Loan Commissioner, as directed by the Federal Farm Loan Board.

It shall be the duty of the Federal Farm Loan Board to open books of subscription for the capital stock of a Federal land bank in each Federal land bank district. If within thirty days after the opening of said books any part of the minimum capitalization of $750,000 herein prescribed for Federal land banks shall remain unsubscribed, it shall be the duty of the Secretary of the Treasury to subscribe the balance thereof on behalf of the United States, said subscription to be subject to call in whole or in part by the board of directors of said land bank upon thirty days' notice with the approval of the Federal Farm Loan Board; and the Secretary of the Treasury is hereby authorized and directed to take out shares corresponding to the unsubscribed balance as called, and to pay for the same out of any moneys in the Treasury not otherwise appropriated.

After the subscriptions to capital stock by national farm loan associations shall amount to $750,000 in any Federal land bank, said bank shall apply semiannually to the payment and retirement of the shares of stock which were issued to represent the subscriptions to the original capital twenty-five per cent of all sums thereafter subscribed to capital stock until all such original capital stock is retired at par.

At least twenty-five per cent of that part of the capital of any Federal land bank for which stock is outstanding in the name of national farm loan associations shall be held in quick assets, and may consist of cash in the vaults of said land bank, or in deposits in member banks of the Federal reserve system, or in readily marketable securities which are approved under rules and regulations of the Federal Farm Loan Board; *Provided,* That not less than five per cent of such capital shall be invested in United States Government bonds.

Government Depositaries.—All Federal land banks and joint stock land banks organized under this act, when designated for that purpose by the Secretary of the Treasury, shall be depositaries of public money, except receipts from customs, under such regulations as may be prescribed by said Secretary; and they may also be employed as financial agents of the Government; and they shall perform all such reasonable duties, as depositaries of public money and financial agents of the Government, as may be required of them.

National Farm Loan Associations.—A national farm loan association may be organized in any community where 10 citizens owning land desire to borrow an aggregate of not less than $20,000. The land must be unincumbered or the proceeds of the loan must be used, in part, to remove any lien. Loans may be as small as $100, or as large as $10,000.

They must first make application, in writing, for a charter to the Federal land bank of the district in which the association desires to do business. This application must be signed by all those desiring to form the association, stating specifically the name

under which they desire to do business, the amount each one desires to borrow, the estimated value of the security each one offers, the territory in which the association desires to do business, how the proceeds of the loan are to be used, and other details set forth in the blank forms which are furnished.

The application having been signed, together with another blank form furnished, called an "organization certificate," the applicants become a tentative organization and elect an agent to represent them, called a "secretary-treasurer"; they also select a committee of three, called a "loan committee." This agent will then receive, from each of the applicants, a subscription to the stock of the association they are forming equal to 5 per cent of the loan they severally desire, which is not required to be paid unless the loan is granted. That is, each borrower must subscribe for such stock to the amount of 5 per cent of his own loan and no more.

The application for the charter having been signed, the signatures must be acknowledged before a notary public or other officer qualified to administer oaths, and then it must be forwarded by the secretary-treasurer to the Federal land bank of the district.

Upon its receipt the bank will send its agent to examine into the representations made in the application and, if found satisfactory, a charter will be granted.

Upon the granting of the charter, the individuals signing the application become a body corporate, which gives it the right to do the business authorized by the farm loan act, to extend its benefits to others by taking in new members from time to time, and to have succession indefinitely. New members must be borrowers whose loans may be as small as $100 or as large as $10,000.

By the provisions of the Act, farmers can organize at once, but they can not borrow money until the land banks are established.

After the charter is granted the applicants no longer act in their individual capacity, but become merged as shareholders into a corporation, which has a separate existence created by law, under the same name which has been chosen and set forth in the original application and organization certificate. This corporation will have directors and officers selected by the shareholders to do its business in accordance with the by-laws which the shareholders make for their guidance. The active executive officer of the association will be the secretary-treasurer, and his duties are set forth in section 7 of the farm loan act.

These associations are organized for the primary purpose of giving to each borrower the benefit of the combined credit of all its members to the extent of the capital contributed and the limited liability they each incur, and hence the associations are required to indorse every loan made to members. It is also through these associations that the borrowers will ultimately become the owners of the Federal land banks. The association decides whether any loan shall be made or not by refusing the application for every loan which is considered unsafe or even doubtful. No loan can be made unless it is approved by the loan committee after examination of the land offered as security.

The national farm loan associations are not limited as to the number of their members. After one is organized it may serve an entire neighborhood by receiving new members. Each association may obtain in loans for its members twenty times the amount of its stock in the Federal land bank, no matter how large its holdings of stock may become by the growth of the association.

1. No loan may be made except upon the security of first mortgages.

2. The amount of the mortgage can not exceed one-half the appraised value of the land and 20 per cent of the permanent improvements thereon, which must be insured.

3. The proceeds of the loan must be used for the extinguishment of pre-existing indebtedness or for productive purposes, which includes the purchase of live stock, fertilizers, equipment and improvements.

4. Every mortgage must contain an agreement to pay off the debt (principal and interest) in fixed annual or semiannual installments.

5. The amount of each installment may be fixed by the borrower, but can not be less than sufficient to pay off the debt in 40 years, nor greater than to pay it off in 5 years.

6. The rate of interest charged any borrower can not exceed 6 per cent per annum.

7. The borrower can not be called upon to pay the debt except by the installments he originally fixes, unless he defaults, but after five years he may pay off the whole or any portion at his option at any installment period.

The first charter issued to a Federal Land Bank was dated March 1, 1917, and the first charter granted to a national Farm Loan Association was dated March 27, 1917, so that the Farm Loan System may be said to have completed its first year's activities on April 1, 1918.

During that year, 2,808 farm loan associations had been incorporated, representing about four associations to every five counties in the United States. The average membership in each association was about 20, representing a total membership of some 56,000 farmers.

During that year, the twelve Federal Land Banks received applications for more than 120,000 loans, amounting to $300,000,000. Of this number, some 80,000 were approved, of a total of more than $160,000,000; and on over 30,000 of these, money to the amount of $80,000,000 had actually been paid to the farmers. Many of the loans approved were for reduced amounts, which the borrowers declined to accept. After December 1, 1917, the interest rate was increased to 5½%.

In the year ending on November 30, 1919, the loans applied for from the twelve Federal Land Banks totalled $261,637,265. The loans closed by those banks during that period amounted to $134,554,920. From the organization of the system to the above date, the average loan was of the amount of $2,637.

On November 30, 1919, the twelve federal land banks held net mortgage loans to the amount of $284,000,000 and Government securities to the amount of $25,000,000. Their capital stock was $21,858,502 and farm loan bonds authorized amounted to $286,100,000. On November 30, 1919, the net earnings for the year, deducting expenses, were $1,461,431.

On November 30, 1919, there were 3,890 national farm loan associations chartered with an average membership of 27½. There had been cancelled the charters of 128. There were 30 joint stock land banks, of paid-in capital of $8,638,650 and loans made

of $54,126,358, the average loan being $9,308. A joint stock land bank is not allowed to make a loan of more than 15% of its capital or more than $50,000.

The locations of the twelve Federal Farm Loan Banks and the states served by each are as follows:

No. 1—Springfield, Mass.—Maine, Massachusetts, Vermont, New Hampshire, Rhode Island, Connecticut, New York, New Jersey.

No. 2—Baltimore, Maryland.—Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Virginia.

No. 3—Columbia, South Carolina.—North Carolina, South Carolina, Georgia, Florida.

No. 4—Louisville, Kentucky.—Kentucky, Ohio, Indiana, Tennessee.

No. 5—New Orleans, Louisiana.—Louisiana, Mississippi, Alabama.

No. 6—St. Louis, Missouri.—Missouri, Illinois, Arkansas.

No. 7—St. Paul, Minnesota.—Minnesota, Wisconsin, Michigan, North Dakota.

No. 8 — Omaha, Nebraska. — Nebraska, South Dakota, Iowa, Wyoming.

No. 9—Wichita, Kansas—Kansas, New Mexico, Colorado, Oklahoma.

No. 10—Houston, Texas—Texas.

No. 11—Berkeley, California—California, Nevada, Utah, Arizona.

No. 12—Spokane, Washington—Idaho, Washington, Oregon, Montana.

Farm Loan Act (see also Agriculture) discussed and urged by President—
Taft, 7775, 7819.
Wilson, 7870, 7908, 8028, 8116.

Farm Loan Bureau. (See Farm Loan Act.)

Farm Management, Office of, Agriculture Department.—One of the special functions developed by the Bureau of Plant Industry of the Department of Agriculture. Investigations by the bureau developed the fact that there was an utter lack of system in the management of farm enterprises. Too little attention has been given to standardizing systems of farm work. An astonishing variation in the number and kind of operations on the corn crop alone were found on different farms and in different localities. No reasons for the variation could be given, except custom. It was found that a wide difference existed between the profits shown by an average farm in Wisconsin and an average farm in Massachusetts.

It was shown that neighboring farmers, with similar types of farming, devote very different amounts of time to the various classes of enterprises on their farms because of the lack of standard systems of management of these enterprises, and it is not always the man who devotes the most time to an enterprise who makes the largest profits from it. Lack of system means lost motion and useless work.

In order that the farm may be profitable the crops and live stock maintained upon it must be adapted not only to local conditions of soil, and climate but also to existing economic conditions.

The income per animal unit is a very important factor in profit. Yield per acre is also important, but less so than the income per animal unit. Moderate yields may be more profitable than very high yields.

It is for the purpose of developing these points and bringing them to the attention of the farmer that the Office of Farm Management was established.

Farm Products. (See Agricultural Products.)

Farmville (Va.), Battle of.—After the evacuation of Richmond, Lee's army was moving westward toward Farmville, where he hoped to cross the Appomattox, burn the bridges and check the pursuit of the Federals. Meantime Ord, with his command of the Army of the James, was also advancing toward Farmville to burn the bridges and intercept Lee at that point. His advance consisted of 2 regiments of infantry and a squadron of cavalry under Gen. Theodore Read. At Farmville the Confederates made a short halt. Read appearing, he was attacked by Lee. In the conflict Read was killed, his column brushed aside and the retreating army crossed the river. After the death of Read, Ord's command arrived, and the Confederates began to intrench themselves. On the same afternoon, April 7, 1865, Sheridan struck the enemy farther back, capturing 16 pieces of artillery and 400 wagons, and held them in check until the arrival of the Second Corps, when a general attack was ordered, resulting in the capture of 6,000 or 7,000 prisoners.

Farm Work, request to boys of working age to engage in, 8470.

Fasces.—Bundles of rods (usually of birch, but occasionally of elm) with an axe projecting from the top. They were used by the Romans to signify power over life and limb, and were borne before those magistrates to whom that power was committed.

Fashion, The, 2997, 3001, 3017. (See Walker, William.)

Fasting and Prayer (see also Thanksgiving Proclamations):
Special day of, set apart by proclamation of President—
Lincoln, 3237, 3365, 3422.
Referred to, 3437.
Wilson, 8007, 8377, 8495.

Federal. (For topics under this general head, see also topics under Government.)

Federal Activity, examples of benefits from, 7080. (See also Government.)

Federal Charters for Corporations, 7079. (See also Corporations, Business, and Trusts.)

Federal Courts. (See Courts.)

Federal Courts, procedure in, 6918.
Enforcement of criminal laws discussed, 7003.
Right of appeal by Government in criminal cases on questions of law recommended, 7023.

Federal Election Law recommended, 5490, 5562, 5766.

Federal Employment Bureau. (See Employment Bureau, Federal, and Employment Service, United States.)

Federal Farm Loan Act. (See Farm Loan Act.)

Federal Inspection and control of interstate commerce advocated, 7074, 7087, 7130. (See also Corporations.)

Federal Jurisdiction inadequate to enforce treaty obligations within states, 7055.

Federal Reserve Banking Law. (See Reserve Banking System.)

Federal Reserve Banks. (See Currency Laws and Reserve Banking System.)

Federal Reserve Board. (See Reserve Banking System.)

Federal Supervision of Corporations incident to tax on incomes of, 7391.

Federal Trade Commission. (See Trade Commission.)

Federal White Slave Act. (See White Slave Law.)

Federalist Party.—The first political party organized in the United States after the achievement of independence. Its leaders were Washington, Adams, Hamilton, Jay, Marshall, and others of high rank and ability. During the French Revolution the Federalists sympathized with England rather than with the Red Republicans of France. At this time Jefferson, Burr, and others organized the Republican party, whose distinctive features were to intensify the feeling of hostility toward England. They accused the Federalists of being enemies of the masses of the people and of favoring aristocratic government.

The looseness of the Union under the Articles of Confederation had unsettled business, and all citizens that were injured by this state of affairs were in favor of a stronger government. Moreover, the feeling that thus only could we become a nation among nations had much weight in inclining the more thoughtful to favor the Constitution. Washington, Jefferson, Madison and Randolph were all Federalists in the earlier and wider meaning of the term. The adoption of the Constitution left the anti-Federalists without a cause, and the Federal party went into power with Washington at its head practically unopposed. During the first session of Congress the departments of the government were organized. At the second session Alexander Hamilton introduced his financial measures. The foreign debt was to be paid in full, the continental debt was to be paid at par, and the debts of the several States were to be assumed. To the second of these propositions Madison dissented, but it was nevertheless carried. The third aroused enormous opposition, and it was hotly debated both in and out of Congress. After one defeat it was reintroduced and carried by means of a bargain. At the third session a bill taxing distilled spirits was passed and the Bank of the United States was incorporated. These measures Jefferson and Randolph opposed. The party had thus gradually strengthened the broad construction view of the Constitution and had attained real principles and party life.

The Federalists elected Washington and John Adams. Hamilton's financial measures had been acceptable to those who desired strong government—the commercial classes—and those who wished to see the Union drawn still more closely together in the direction of centralization and national consolidation. In 1797 the majority of the party favored war with France. The following year they passed the Alien and Sedition Laws (q. v.), and in 1800 their candidates, Adams and Pinckney, were defeated by Jefferson and Burr for President and Vice-President, respectively. The unpatriotic course of the party in the War of 1812 and the odium excited by the Hartford Convention (q. v.) destroyed it entirely.

Federalist, The.—A series of essays, eighty-five in number, in favor of the new Constitution of the United States, originally published in the *Independent Journal*, of New York, between Oct. 27, 1787 and April 2, 1788. The authors were Alexander Hamilton (who wrote fifty-one of the essays), James Madison (who wrote twenty-nine), and John Jay (who wrote five), who addressed the public over the common signature of "Publius." The purpose of the letters was to create in the minds of the people a sentiment favorable to the new Federal Constitution proposed by the Convention of Sept. 17, 1787. These essays were gathered into two volumes in 1788, and have been reprinted in many editions.

Federated Malay States.—The four British states of Perak, Selangor, Negri Sembilan and Pahang, of the Malay Peninsula. The total area is about 27,500 square miles and the population about 1,200,000. There are about 450,000 Malays, 450,000 Chinese and 185,000 Indians in the population, the Chinese being immigrants and thus giving the states an overwhelming preponderance of males over females.

The staple cultivations are cocoanuts, rice, rubber, sugar, tapioca, pepper, gambier and palms. The chief industries are the cultivation of rubber and the mining of tin. The forests give much lumber. Most recent reports show imports of some $40,000,000 and exports of $150,000,000.

The Malay states not included in the federation are Johore, Kedah, Perlis, Kelantan and Tregganu.

Fee System, abolition of, as applicable to certain Federal officers, discussed, 6161.

Recommended, 4939, 5879, 5968.

Felonies, limitations upon right in felony cases to review by Supreme Court recommended, 5632, 5880.

Fellow-Countrymen, Addresses to. (See Wilson, Woodrow.)

Feminism.—This term, originating in France around 1890, is used to describe the movement for the emancipation of woman from the economic and social disabilities and inequalities to which she is subjected because of her sex. The movement for woman suffrage (q. v.) represents the political aspect of the feminist movement. It must be noted that the feminist desire for levelling the distinctions between men and women includes the lowering of woman from the higher plane on which she has been placed in certain connections as well as the raising from the lower plane on which she has been placed in other connections. Thus the feminist would do away with the current special chivalry which woman enjoys no less than the prohibition of entering certain professions in Europe.

Although the "Woman's Movement" is of modern origin, there are certain feminist

outcroppings to be seen in history before the nineteenth century. In Greece in the third and fourth centuries before Christ, a class of women known as the Hetairai enjoyed much of the equality for which the modern feminist yearns, and Plato removed most of the disabilities of sex from the women in his Republic. Similarly, many of the aristocratic Roman women of the Golden Age seem to have been treated as full-fledged comrades by the men, and in the Renaissance of the fourteenth and fifteenth centuries a number of women occupied places of prominence in the artistic and literary worlds. During the next several centuries certain women became prominent figures in the history of the world, and the names of Joan of Arc and Lady Mary Wortley Montagu occur readily in this connection. But it is with the general arrival of the doctrine of democracy as produced by the American and the French Revolutions that the feminist movement truly begins.

In 1792, Mary Wollstonecraft crystallized the feminist sentiment of her time in her "Vindication of the Rights of Women." For some years her views excited only ridicule and opposition—largely because of the feeling that they were contrary to Biblical injunctions. With the general acceptance of the theory of evolution, however, as presented in Darwin's "Origin of Species" (published in 1859), Biblical authority lost its hold upon certain elements of the population, and an increase in feminist sentiment evidenced itself. In 1867, John Stuart Mill threw the weight of his authority behind the feminist philosophy in his notable "Subjection of Women" essay; and the prominent part played by women in the abolitionist and temperance agitations in the United States had already created much sentiment in favor of equal rights. (See Woman Suffrage.)

The feminist movement, however, owes more to industrial than to intellectual changes. With the Industrial Revolution at the beginning of the nineteenth century, woman was deprived of much of the necessity for weaving and other household manufacturing which had previously constituted her lot; and on the other hand she suddenly found an extraordinary demand for her services in industry. As a result, the ties which bound her to the home and the conception of woman in which the home plays the leading part became weaker. The World War, with its call to women to fill places and to perform work which had previously appertained only to men, also helped to strengthen the feminist conception of womankind. The movement has been aided also by the rise of Socialism, in the philosophy rather than in the program of which woman is accorded a position approximating the feminist one. While the feminist ideal was growing because of these causes, it had been proclaimed in literature by Ibsen and by many of the most notable contemporaneous writers who discuss social problems; and it has found scientific support from leading scientific authorities.

Nevertheless, the feminist movement at the present time is largely inchoate, unorganized and uncertain of itself. Although feminism derives much of its support from the economic struggles of working-women, yet it has found its chief lodgement among the intellectual classes. It may be added fairly that the movement is strongly opposed by many religious bodies and leaders.

Fenians.—An organization of Irish-Americans and Irish revolutionists, whose object was the forcible separation of Ireland from Great Britain and the establishment of an Irish Republic. The Fenian Brotherhood was founded in New York in 1857 by Michael Doheny, William R. Roberts, John O'Mahony, and Michael Corcoran, the last named being afterwards a brigadier-general in the United States Army. About the same time a similar organization, existing in Ireland under the name of the Phœnix Society, was developed by James Stephens, who came to the United States in 1858 and reported an enrollment of 35,000 disciplined followers in Ireland. O'Mahony was the first president of the American organization. Nov. 3, 1863, the first national congress of Fenians met in Chicago, representing an enrolled membership of 15,000, one-half of whom were in the Union Army. This convention declared Ireland to be an independent nation with James Stephens at its head. When the second Fenian congress assembled at Cincinnati in January, 1865, the circles had increased fivefold. The fourth Fenian congress met in New York Jan. 2, 1866, when an invasion of Canada was decided upon. Military operations were conducted by Gen. Thomas W. Sweeney, a former officer of the Union Army. In May, 1866, the United States authorities seized 750 stand of arms at Eastport, Me., about 1,200 stand at Rouses Point, N. Y., and 1,000 stand at St. Albans, Vt., all intended for the Fenian invasion of Canada. May 31, 1866, about 1,200 Fenians, under Col. O'Neill, crossed the Niagara River at Buffalo and occupied Fort Erie, whence they were driven two days later. On returning they were intercepted by United States forces and paroled under promise to go to their homes. Similar arrests were made on the Vermont line. United States troops under Gen. Meade kept close watch on the Canadian frontier. President Johnson issued a proclamation warning citizens of the United States against participation in the unlawful proceedings (3631). The Fenian leaders were arrested, but afterwards released. Several outbreaks were suppressed in Ireland, and dissensions soon arose among the leaders of the movement. A second invasion of Canada was projected, but the vigilance of the United States authorities prevented its accomplishment. In April, 1867, the brig *Erin's Hope* sailed from New York with arms, ammunition, and officers for a brigade, but was unable to land and returned. During 1867 a number of Fenian riots occurred in Ireland, but all were quelled and many of the leaders were imprisoned or hanged.

Fenians:
Release of, 4114.
Resolution urging, referred to, 3595.
Trial of, in Canada referred to, 3718.
Unlawful expeditions of, discussed, 3640, 3655.
Proclamation against, 3631.

Fenix, The, provision for captives of, recommended, 1097.

Fernandina, Fla., blockade of port of, removed by proclamation, 3431.
Referred to, 3446.

Fernando Po. (See Spain.)

Ferrocarriles de Porto Rico, Compaina de los, concessions to, 6933, 6934.

Ferrolana, The, American vessel attacked by, 2869, 2976.

Ferry's Presidency.—Thomas W. Ferry, Senator from Michigan and President pro tem of the Senate, became Vice President after the death of Vice President Wilson in 1875, and hence was President of the United States from noon on Sunday, March 4, 1877, when President Grant's term expired, until noon on the following day, when President Hayes was inaugurated. (See Presidential Succession.)

Fertilizer Industry. (See Chemicals.)

Fertilizer Industry licensed, 8460.

Fever. (See Contagious Diseases; Yellow Fever.)

Fiat Money.—A term given to irredeemable paper currency during the greenback agitation following the Civil War in the United States. The greenback party claimed that the fiat of the government could itself give value to a circulating medium of no intrinsic value and not even containing a promise to pay, but issued by the state with the bare assertion of its identity with true money. The Latin word "fiat" means "Let it be done." (See Currency.)

Field Products. (See Agricultural Products, also Crop Values.)

"Fifty-four Forty or Fight."—A campaign cry of the Democrats in 1844. This was during the northwestern boundary discussion. The treaty with Spain in 1819 fixed the parallel of 42° as the northern limit of that country's possession in America. Between that parallel and 54° 40′ lay the territory of Oregon, claimed by both America and England. To avoid clashes a joint occupation of the whole territory west of the Rocky Mountains was agreed upon in 1818, to last for ten years. A new convention in the year 1827 decided to continue joint occupation indefinitely. This arrangement created much dissatisfaction; Americans had made surveys as far north as 49° and settlements were springing up. English fur traders had passed south of that line, and for a time war seemed inevitable; but a treaty was arranged in 1846 fixing the boundary at lat. 49° north. It was during the presidential campaign that the cry "Fifty-four Forty or Fight" originated. The supporters of Mr. Polk in that campaign vigorously proclaimed that the northwestern boundary line should be established as far north as 54° 40′ or the United States should fight. It was during his administration that the line was fixed at 49°. When criticised by his political opponents for the failure to locate the line at 54° 40′ he excused and justified his administration by stating that "all conflicting title to the Oregon Territory south of the forty-ninth degree of north latitude, being all that was insisted upon by any of my predecessors, has been adjusted" (2484). (See also Northwestern Boundary.)

Fiji Islands.—A group of more than 200 islands in the South Pacific ocean, belonging to Great Britain. The two largest islands are Viti Levu (4,115 sq. mi.) and Vanua Levu (2,432 sq. mi.). The capital is Suva. The total area is about 7,435 square miles, and the population, about 175,000. The natives ceded the islands to Great Britain in 1874.

The chief products and exports are sugar, copra, bananas and cocoanuts. Most recent figures show imports of $5,000,000 and exports of $10,000,000. The trade is chiefly with British possessions.

Fiji Islands, report of agent to, for investigation of claim of B. H. Henry and others, 6098.

Filibuster.—From the Spanish word filibustero, meaning "freebooter" or "buccaneer." In 1849-1851 the term was applied by the Cubans to Narciso Lopez and his followers, and from that time became a common name for military adventurers who fitted out expeditions against the Spanish-American countries. The object of most of these filibusters has been to free the Spanish-American countries from their European rulers. After Lopez the most famous filibuster was Gen. William Walker, who invaded Sonora, Mexico, in 1853. In 1855 he took possession of Nicaragua and was elected president. He did not long enjoy this distinction, for he was soon compelled to surrender to the forces of the United States, but escaped punishment. In 1857 he organized a second expedition to Nicaragua, but was again compelled to surrender to the United States Government. Escaping punishment a second time, in 1860 he organized an expedition against the Government of Honduras, but was captured and, by order of the president of Honduras, shot. In the United States the term filibuster, when used in a legislative or political sense, means that method pursued by the members of the minority of a legislative body who seek to delay or defeat the adoption of measures obnoxious to them by obstructive and dilatory tactics, such as repeated motions to adjourn, for a recess, calls for the yeas and nays, etc. See illustration opposite 2813.

Filipinos. (See Philippine Islands.)

Fillmore, Millard.—July 10, 1850-March 4, 1853.

Sixteenth Administration (continued)—Whig.

President pro tem. of the Senate—
William R. King.

Secretary of State—
Daniel Webster.
Edward Everett.

Secretary of the Treasury—
Thomas Corwin.

Secretary of War—
Charles M. Conrad.

Secretary of the Navy—
William A. Graham.
John P. Kennedy.

Secretary of the Interior—
James A. Pearce.
Alex. H. H. Stuart

Postmaster-General—
N. K. Hall.
Samuel D. Hubbard.

Attorney-General—
John J. Crittenden.

Fillmore succeeded to the presidency on the death of Zachary Taylor, July 9, 1850.

Opposition.—Nominated to the Vice-Presidency by the Whig National Convention, he was opposed by William O. Butler, of Kentucky.

Vote.—The electoral vote stood: Fillmore, 163; Butler, 127. Fillmore was the seventh Vice-President which the State of New York supplied and the second to succeed to the Presidency through the death of the President. His succession occurred at a most critical time in the history of the United States.

Party Affiliation.—Fillmore's political career is contemporaneous with the birth and death of the Whig party. In the State leg-

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT FILLMORE, 1850-1853.

(NOT INCLUDING TERRITORIES)

FLAG OF 1853

CALIFORNIA 1850

TEXAS 1845

WISCONSIN 1848

MICHIGAN 1837

IOWA 1846

ILLINOIS 1818

INDIANA 1816

OHIO 1803

MISSOURI 1821

KENTUCKY 1792

TENNESSEE 1796

ARKANSAS 1836

MISSISSIPPI 1817

ALABAMA 1819

LOUISIANA 1812

GEORGIA 1788

FLORIDA 1845

SOUTH CAROLINA 1788

NORTH CAROLINA 1789

VIRGINIA 1788

NEW YORK 1788

PENNSYLVANIA 1787

DEL. 1787

N. J. 1787

MD. 1788

MAINE 1820

VT. 1791

N. H. 1788

MASS. 1788

CONN. 1788

R. I. 1790

islature of New York he drafted the bill abolishing imprisonment for debt, passed in 1831. In Congress he was the author of the tariff bill of 1842; as comptroller of the State of New York (1847) he advocated a national bank with currency issue secured by United States stocks—a principle which is the basis of the present national bank system. As Vice-President with Taylor on the Whig ticket, he presided in the Senate during a seven months' controversy covering such questions as California's admission, slavery in the new territories, surrender of fugitive slaves, and Clay's "omnibus bill."

Tariff.—In his First Annual Message (page 2620) President Fillmore discusses the tariff and advocates a uniform, permanent, specific tariff. He says: "The power to lay these duties is unquestionable, and its chief object is, of course, to replenish the Treasury. But if in doing this an incidental advantage may be gained by encouraging the industry of our own citizens, it is our duty to avail ourselves of that advantage. . . . A high tariff can never be permanent. It will cause dissatisfaction and will be changed. It excludes competition. . . . What a manufacturer wants is uniformity and permanency, that he may feel confident that he is not to be ruined by sudden changes. . . . *Ad valorem* duties fluctuate with the price and offer strong temptations to fraud and perjury. Specific duties, on the contrary, are equal and uniform in all ports and at all times, and offer a strong inducement to the importer to bring the best article, as he pays no more duty upon that than upon one of inferior quality." There was, however, no tariff revision by Congress until the act of 1857. In his Third Annual Message (page 2706) the President again calls the attention of Congress to the need of a revision of the tariff and adds another reason for its consideration. ". . . that the present tariff in some cases imposes a higher duty upon the raw material imported than upon the articles manufactured from it, the consequence of which is that the duty operated to the encouragement of the foreigner and the discouragement of our own citizens."

Foreign Policy.—The policy of his administration is laid down (page 2614) in his First Annual Message: "To maintain a strict neutrality, in foreign wars, to cultivate friendly relations, to reciprocate every noble and generous act, and to perform punctually and scrupulously every treaty obligation—these are duties which we owe to other States." . . . In his Second Annual Message (page 2652), speaking of the invasion of Cuba, the President says: "In proclaiming and adhering to the doctrine of neutrality and nonintervention, the United States have not followed the lead of other civilized nations; they have taken the lead themselves and have been followed by others." In his Third Annual Message (page 2700) he deprecates the addition of Cuba to the Union in these words: "Were this island comparatively destitute of inhabitants or occupied by a kindred race, I should regard it, if voluntarily ceded by Spain, as a most desirable acquisition. But under existing circumstances, I should look upon its incorporation into our Union as a very hazardous measure. It would bring into the Confederacy a population of a different national stock, speaking a different language, and not likely to harmonize with the other members."

Internal Improvements.—President Fillmore had no doubt of the power of Congress to make appropriations for the making of internal improvements. In his First Annual Message (page 2626) he argues the question of the constitutionality of such acts. "This authority I suppose to be derived chiefly from the power of regulating commerce with foreign nations and among the States and the power of laying and collecting imposts." Lighthouses, wharves, beacons, buoys, breakwaters, and dredging then become necessities to such regulation.

Slavery.—By signing the fugitive slave act and the other compromise measures of 1850, President Fillmore lost the friendship and the support of a large number of his party in the North. He was influenced by the written opinion of the Attorney-General on the constitutionality of the Fugitive slave act, and also by the concurrence of his able Cabinet. In his First Annual Message (page 2629) the President discusses these compromises and says: "The series of measures to which I have alluded are regarded by me as a settlement in principle and substance—a final settlement of the dangerous and exciting subjects which they embraced. . . . By that adjustment we have been rescued from the wide and boundless agitation that surrounded us, and have a firm, distinct, and legal ground to rest upon." In a special message (page 2637) he discusses the disturbances attending the enforcement of these laws and announces his intention to see the laws enforced. By proclamation of Feb. 18, 1851 (page 2646) support of the laws by the citizens of the country is called for. In his Second Annual Message (page 2674) the President says: "Looking at the interests of the whole country, I felt it to be my duty to seize upon this compromise as the best that could be obtained amid conflicting interests and to insist upon it as a final settlement, to be adhered to by all who value the peace and welfare of the country."

Fillmore, Millard:
Annual messages of, 2613, 2649, 2699.
Appointing power of President discussed by, 2616.
Biographical sketch of, 2599.
Cuba—
Acquisition of, discussed by, 2701.
Affairs of, discussed by, 2649, 2700.
Incorporation of, into Union not desired, 2701.
Death of, announced, and honors to be paid memory of, 4236.
Death of President Taylor announced to, and reply of, 2589.
Communication of, to Senate, 2590.
Discussed by, 2593, 2600, 2613.
Finances discussed by, 2619, 2658, 2704.
Foreign Policy discussed by, 2614, 2656, 2701, 2715.
Information regarding negotiations with Great Britain, Costa Rica, and Nicaragua refused by, 2690.
Information regarding proposition to annex Hawaiian Islands refused by, 2691, 2695.
Internal improvements discussed by, 2626.
Oath of office, time and place of taking, mentioned, 2590.
Portrait of, 2598.
Powers of Federal and State Governments discussed by, 2626.

Proclamations of—
Discriminating duties on vessels of Chile suspended, 2612.
Extraordinary session of Senate, 2646, 2727.
Military expedition to—
Cuba, 2647.
Mexico, 2648.
Texas boundary line, 2643.
Unlawful combinations in Boston, 2645.
State of the Union discussed by, 2613.
System of government discussed by, 2614.
Tariff discussed by, 2619, 2659, 2661, 2705.

Finances.—The first financial measure of the Continental Congress was a loan of £6,000, in 1775. Franklin urged the Congress to continue to raise money by loans, but the majority favored the issue of paper money. One delegate said: "Do you think, gentlemen, that I will consent to load my constituents with taxes when we can send to our printer and get a wagon load of money, one quire of which will pay for the whole?"

Previous to 1776 $6,000,000 in paper had been issued, redeemable in four years, beginning with 1783. Subsequent issues during the Revolutionary war increased this sum to more than $200,000,000 and it rapidly depreciated until in 1781 it ceased to pass as money. By 1783 the loans of the United States amounted to $42,000,000, of which $7,885,085 were obtained abroad. Home creditors received no interest and some of them sold their claims for as low as 10 per cent of their face value. After the adoption of the federal constitution these claims were paid in full by Alexander Hamilton, while Secretary of the Treasury. Before this, however, Robert Morris had been made Superintendent of Finance. He systematized the finances, improved the foreign credit and established a bank. When unable to borrow money on the credit of the government he used his own money and his own credit on behalf of the nation.

During Hamilton's five years as head of the Treasury Department he established the public credit on a firm basis. Albert Gallatin was appointed Secretary of the Treasury by Jefferson, and during his service of twelve years he reduced the public debt from $83,000,000 in 1801 to about $50,000,000 in 1813, besides providing funds for the purchase of Louisiana and the expenses of the War of 1812.

RECEIPTS AND THEIR SOURCES, RECENT YEARS ENDING JUNE 30.

Source	*1910*	*1915*	*1918*	*1919*
Customs Revenue	$333,683,445	$209,786,672	$ 182,758,988	$ 183,428,625
Internal Revenue[1]	289,933,519	415,669,460	3,696,043,484	3,840,230,995
Miscellaneous (net)	51,894,751	72,454,696	295,208,112	623,944,232
Ordinary Receipts	$675,511,715	$697,910,828	$ 4,518,486,548	$ 4,647,603,752
Public-Debt Receipts	31,674,292	22,486,955	16,974,889,209	29,075,976,516
Total except Postal	$707,186,007	$720,397,783	$21,493,375,757	$33,723,580,268
Postal Revenue	$224,128,658	$287,248,165	$ 450,296,871	$ 525,762,999

DISBURSEMENTS AND THEIR OBJECTS, RECENT YEARS ENDING JUNE 30.

Legislative	$ 13,616,496	$ 13,577,399	$ 16,042,052	$ 16,605,836
Executive:				
Executive Proper	$ 520,208	$ 3,065,880	$ 9,822,595	$ 21,497,675
State Department	4,909,558	4,908,607	10,709,278	20,248,594
Treasury Dept.	87,425,755	94,010,189	181,848,005	289,914,682
War Dept. & Army	158,172,957	175,188,627	5,702,582,089	9,273,221,889
Navy Dept. & Navy	123,974,208	142,721,524	1,370,477,406	2,019,045,767
Interior Dept.[2]	201,189,691	215,587,935	247,308,350	285,328,899
Post-Office Dept.	10,117,907	8,531,466	1,934,320	2,405,945
Agriculture Dept.	16,976,022	29,131,112	46,759,461	36,888,371
Commerce Dept.[3]	19,221,704	11,499,099	13,301,156	15,668,534
Labor Dept.	.....	3,783,612	5,916,881	13,290,491
Justice Dept.	1,010,454	1,538,126	13,232,381	15,216,025
Independent Bureaus	2,323,799	5,738,774	1,135,833,942[4]	2,723,531,916[4]
Dist. of Columbia	11,650,497	13,220,663	14,406,411	16,565,434
Total Executive	$637,492,760	$708,925,614	$ 8,754,132,285	$14,732,324,216
Total Ordinary Disbursements	$659,705,391[5]	$730,103,592[5]	$ 8,966,532,266[6]	$15,365,362,742[6]
Postal Disbursements	$224,128,658	$287,248,165	$ 443,154,556	$ 540,089,969
Panama Canal Disbursements	33,911,673	29,187,042	20,787,625	12,265,775
Public Debt Disbursements	33,049,696	8,896,746	7,706,879,075	15,837,566,009

NOTES.—[1] Including, as effective, income taxes (personal and corporation) and excess profits tax; [2] Including Indians and Pensions; [3] Until 1913, the Departments of Commerce and Labor comprised one Department; [4] Including U. S. Railroad Administration, U. S. Shipping Board, War Finance Corporation; [5] Including Judicial, not otherwise listed; [6] Including Interest on the Public Debt, not otherwise listed.

For a statement of the public debt, see Debt, Public.

Financial Growth of the Country and the People since 1800, as Reported by the Department of Commerce

Year	Area Sq. miles[1]	Population June 1 [2]	Population per square mile[3]	Wealth[4] Total	Wealth[4] Per capita	Public debt, less cash in Treasury July 1 Totals[5]	Public debt, less cash in Treasury July 1 Per capita
1800	892,135	5,308,483	6.12			$82,976,294.35	$15.63
1810	1,720,122	7,239,881	4.29			53,173,217.52	7.34
1820	1,792,223	9,638,453	5.50			91,015,566.15	9.44
1830	1,792,223	12,866,020	7.34			48,565,406.50	3.77
1840	1,792,223	17,069,453	9.73			3,573,343.82	.21
1850	2,997,119	23,191,876	7.88	$7,135,780,000	$307.69	63,452,773.55	2.74
1852	2,997,119	24,802,000	8.42			66,199,341.71	2.67
1853	3,026,789	25,615,000	8.61			59,803,117.70	2.33
1854	3,026,789	26,433,000	8.89			42,242,222.42	1.60
1855	3,026,789	27,256,000	9.16			35,586,956.56	1.31
1856	3,026,789	28,083,000	9.44			10,965,953.01	1.14
1857	3,026,789	28,916,000	9.72			9,998,621.76	.99
1858	3,026,789	29,758,000	10.01			37,900,191.72	1.51
1859	3,026,789	30,596,000	10.29			53,405,234.19	1.91
1860	3,026,789	31,443,321	10.57	16,159,616,000	513.93	59,964,402.01	1.91
1861	3,026,789	32,064,000	10.78			87,718,660.80	2.74
1862	3,026,789	32,704,000	11.00			505,312,752.17	15.45
1863	3,026,789	33,365,000	11.22			1,111,350,737.41	33.31
1864	3,026,789	34,046,000	11.45			1,709,452,277.04	50.21
1865	3,026,789	34,748,000	11.68			2,674,815,856.76	76.98
1866	3,026,789	35,469,000	11.93			2,636,036,163.84	74.32
1867	3,026,789	36,211,000	12.18			2,508,151,211.69	69.26
1868	3,026,789	36,973,000	12.43			2,480,853,413.23	67.10
1869	3,026,789	37,756,000	12.69			2,432,771,873.09	64.43
1870	3,026,789	38,558,371	12.96	30,068,518,000	779.83	2,331,169,956.21	60.46
1871	3,026,789	39,555,000	13.30			2,246,994,068.67	56.81
1872	3,026,789	40,596,000	13.65			2,149,780,530.35	52.96
1873	3,026,789	41,677,000	14.01			2,105,462,060.75	50.52
1874	3,026,789	42,796,000	14.39			2,104,143,153.69	49.17
1875	3,026,789	43,951,000	14.78			2,090,041,170.13	47.53
1876	3,026,789	45,137,000	15.18			2,060,925,340.45	45.66
1877	3,026,789	46,353,000	15.59			2,019,275,431.37	43.56
1878	3,026,789	47,598,000	16.00			1,999,382,280.45	42.01
1879	3,026,789	48,866,000	16.43			1,996,414,905.03	40.85
1880	3,026,789	50,155,783	16.86	43,642,000,000	870.20	1,919,326,747.75	38.27
1881	3,026,789	51,316,000	17.25			1,819,650,154.23	35.46
1882	3,026,789	52,495,000	17.65			1,675,023,474.25	31.91
1883	3,026,789	53,693,000	18.05			1,538,781,825.15	28.66
1884	3,026,789	54,911,000	18.46			1,438,542,995.39	26.20
1885	3,026,789	56,148,000	18.88			1,375,352,443.91	24.50
1886	3,026,789	57,404,000	19.30			1,282,145,840.44	22.34
1887	3,026,789	58,680,000	19.73			1,175,168,675.42	20.03
1888	3,026,789	59,974,000	20.17			1,063,004,894.73	17.72
1889	3,026,789	61,289,000	20.61			975,939,750.22	15.92
1890	3,026,789	62,947,714	21.16	65,037,091,000	1,035.57	890,784,370.53	14.15
1891	3,026,789	63,844,000	21.47			851,912,751.78	13.34
1892	3,026,789	65,086,000	21.88			841,526,463.60	12.93
1893	3,026,789	66,349,000	22.31			838,969,475.75	12.64
1894	3,026,789	67,632,000	22.74			899,313,380.55	13.30
1895	3,026,789	68,934,000	23.18	77,000,000,000	1,117.01	901,672,966.74	13.08
1896	3,026,789	70,254,000	23.62			955,297,253.70	13.60
1897	3,026,789	71,592,000	24.07			986,656,086.14	13.78
1898	3,026,789	72,947,000	24.53			1,027,085,492.14	14.08
1899	3,026,789	74,318,000	24.99			1,155,320,235.19	15.55
1900	3,026,789	75,994,575	25.55	88,517,307,000	1,164.79	1,107,711,257.89	14.58
1901	3,026,789	77,612,569	26.10			1,044,739,119.97	13.46
1902	3,027,789	79,230,563	26.64			969,457,241.04	12.24
1903	3,026,789	80,848,557	27.18			925,011,637.31	11.44
1904	3,026,789	82,466,551	27.73	107,104,212,000	1,318.11	967,231,773.75	11.73
1905	3,026,789	84,084,545	28.27			989,866,772.00	11.77
1906	3,026,789	85,702,533	28.82			964,435,686.79	11.25
1907	3,026,789	87,320,539	29.36			878,596,755.03	10.06
1908	3,026,789	88,938,527	29.90			938,132,409.38	10.55
1909	3,026,789	90,556,521	30.45			1,023,861,530.79	11.31
1910	3,026,789	92,174,515	30.99			1,046,449,185.25	11.35
1911	3,026,789	93,792,509	31.54			1,015,784,338.46	10.83
1912	3,026,789	95,410,503	32.08	187,739,071,000		1,027,574,697.28	10.77
1913	3,026,789	97,028,497	32.63			1,028,564,055.14	10.60
1914	3,026,789	98,646,491	32.59			1,027,257,009.56	10.41
1915	3,026,789	100,264,485	32.79			1,090,148,006.00	10.87
1916	3,026,789	102,431,000	33.81			1,006,281,572	9.88
1917	3,026,789	104,146,000	34.41			1,908,635,224	18.44
1918	3,026,789	105,118,000	34.73			10,924,281,355	103.92
1919	3,026,789	106,871,294	35.78			24,479,203,376	229.05

[1] The figures relate to continental United States. [2] For other than census years prior to 1890, the figures are for July 1. [3] The figures are based upon the land area of continental United States and upon population as given in the preceding column. [4] True valuation of real and personal property; the figures are those of the Bureau of the Census, Department of Commerce, relate to continental United States, and cover census years. [5] 1800 to 1855, outstanding principal of the public debt Jan. 1.

In 1835 and 1836 the country was practically out of debt, and nearly $40,000,000 was realized from the sale of public lands. Congress voted to distribute all the surplus in excess of $5,000,000 among the states, but before this had been accomplished a panic overspread the country and the government was on the verge of bankruptcy.

At the beginning of the civil war Salmon P. Chase was Secretary of the Treasury. Congress authorized a loan of $250,000,000 in 3-year 7-30 treasury notes and 20-year bonds with interest not to exceed 7 per cent, and in lieu of a portion of said loan the Secretary was authorized to pay salaries or other debts or to exchange for coin non-interest-bearing treasury notes payable on demand and receivable for all public dues, to the extent of $50,000,000. Secretary Chase obtained an advance of $50,000,000 from the banks of New York, Boston and Philadelphia. Subscription books were then opened in all the loyal cities and the public took about $45,000,000 of the 3-year notes. This was turned over to the banks and they advanced another $50,000,000, but the third attempt failed, and Congress authorized the issue of $150,000,000 of legal tender notes. (See Currency.) Three of such issues were made aggregating $450,000,000. Within the year 1863 gold fluctuated between $125 and $160. In 1863 the National Banking Act was passed establishing a uniform currency, and the issue of bonds became a settled policy of the Treasury. The four leading points in Secretary Chase's policy were moderate interest, general distribution, future controllability and incidental utility.

The most important financial measures of recent times have been the enactment of the Aldrich-Vreeland law and the Regional Reserve bank law, both of which aim to stabilize the money market by the issue of emergency currency based on collateral securities. See also Currency Laws; Reserve Banking System; Debt, Public; Coinage; Commerce; Exports; Imports; Tariff; Expenditures; Taxation; Internal Revenue.

The following table shows the ordinary (i. e., exclusive of postal, Panama Canal, War loans, etc.) receipts and expenditures of the United States government, with the per capita expenditure:

	Receipts	*Expenditures*	*Percentage*
1840	$ 19,480,115	$ 24,314,518	1.42
1850	43,592,889	40,948,383	1.77
1860	56,054,600	63,200,876	2.01
1870	395,959,834	293,657,005	7.61
1880	333,526,501	264,847,637	5.28
1890	403,080,982	297,736,487	4.75
1900	567,240,852	487,713,792	6.39
1910	675,511,715	659,705,391	7.30
1916	779,664,552	724,492,999	7.07
1919	5,145,882,546	14,935,848,740	139.75

Finances (see also Taxation, Currency, Tariff, Revenue):
Act—
Directing coinage of silver bullion in Treasury vetoed, 5915.
Directing payment of surplus in Treasury on public debt, reasons for applying pocket veto to, 5073.
To authorize coinage of standard silver dollars, etc., vetoed, 4438.
To facilitate refunding of national debt vetoed, 4589.
To fix amount of United States notes and circulation of national banks vetoed, 4222.
Authority to Secretary of Treasury to accumulate gold for final redemption recommended, 4303.
Bank deposits, discussed. (See Deposits Public, State Banks.)
Bland-Allison Act—
Discussed by President—
Arthur, 4633, 4720, 4830.
Cleveland, 4927, 5097, 5373.
Harrison, Benj., 5475.
Hayes, 4511, 4568.
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Clearing houses recommended, 4199.
Condition of the Treasury, 7681.
Conference provided for, appropriation recommended for, 4438.
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Successful operation of, discussed, 2406, 2498.
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Currency legislation, plan of, indorsed by President Cleveland, 5985.
Discussed, 5993, 5999, 6072, 6091, 6175.
Discussed by President—
Adams, John, 228, 243, 252, 265, 281, 297.
Adams, J. Q., 869, 923, 952, 977.
Arthur, 4632, 4719, 4763, 4829.
Buchanan, 2967, 2988, 3019, 3052, 3073, 3104, 3179.
Cleveland, 4924, 5092, 5097, 5165, 5371, 5833, 5875, 5964, 5985, 5993, 5999, 6072, 6091, 6155, 6175.
Fillmore, 2619, 2658, 2704.
Garfield, 4600.
Grant, 3983, 3991, 4061, 4101, 4146, 4197, 4238, 4247, 4268, 4301, 4354, 4379.
Harrison, B., 5472, 5548, 5628, 5753.
Hayes, 4397, 4413, 4422, 4449, 4509, 4523, 4566.
Jackson, 1014, 1088, 1118, 1159, 1224, 1246, 1326, 1379, 1458.
Jefferson, 315, 332, 343, 348, 354, 361, 366, 375, 382, 396, 417, 443.
Johnson, 3562, 3648, 3769, 3872.
Lincoln, 3248, 3330, 3350, 3384, 3447.
McKinley, 6236, 6242, 6244, 6339, 6437, 6465.
Madison, 455, 461, 472, 480, 504, 513, 523, 535, 549, 563.
Monroe, 584, 613, 629, 646, 675, 756, 761, 780, 785, 822.
Pierce, 2746, 2817, 2870, 2940.
Polk, 2252, 2346, 2401, 2406, 2441, 2496.
Roosevelt, 6645, 6654, 6715, 6787, 7082, 7198.
Taft, 7681, 7793.

Taylor, 2555.
Tyler, 1895, 1916, 1934, 1955, 1959, 2052, 2057, 2079, 2117, 2119, 2199.
Van Buren, 1541, 1596, 1686, 1706, 1751, 1757, 1789, 1822.
Washington, 75, 98, 121, 133, 159, 177.
Wilson, 7981, 8113, 8229, 8505, 8643, 8716, 8811.
Elasticity of currency needed, 6914, 6989.
Exchequer, plan of, recommended, 2057, 2119.
Gold accumulation for final redemption authorized, 4303.
Gold certificates, recommendations regarding issue of, 4633.
Gold reserve discussed and recommendations regarding, 5935, 5985, 5993, 5999, 6075, 6090.
Gold standard, effects of, 6654.
Greenbacks discussed, 6073.
Retirement of, recommended, 6078, 6175.
Inflation, dangers of, 8505.
Legal-tender act, repeal of portion of, recommended, 4302.
Legal-tender notes, redemption of, recommended, 4303, 4379, 4511, 4567.
Legislation concerning, needed, 7189.
Monetary Commission, 7683.
Monetary Reform, 7683.
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Paper currency discussed. (See Currency.)
Power of Federal Government over collection and disbursement of, discussed, 1459.
Reconstruction of system of, unwise, 6715.
Relations with Mexico, China, and other gold standard countries, 6825.
Revenue laws, need for readjustment, 6988.
Seigniorage discussed, 5875.
Sherman Act—
Discussed, 5548, 5628.
Repeal of purchasing clause of, discussed, 5875, 6073, 6074.
Recommended, 5833.
Silver certificates—
Discussed, 5474.
Repeal of act for issuance of, recommended, 4633, 4720.
Suspension of issuance of, recommended, 4830.
Silver-purchase clause of act of 1890, repeal of, discussed, 5875, 6073, 6074.
Recommended, 5833.
Sinking-fund law, repeal of, recommended, 5754.
Specie payments discussed. (See Specie Payments.)
Subtreasury system discussed. (See Subtreasury System.)
Trade dollars discussed, 4767, 4831.
Treasury notes. (See Treasury Notes.)

Finances, Collection of.—The expense of collecting the customs and internal revenues of the United States includes all sums paid for salaries of clerks, inspectors, revenue agents, surveyors of distilleries, gaugers, storekeepers, paper for printing internal revenue stamps, and detecting and punishing violations of revenue laws. To this must also be added traveling expenses of special agents, weighing, measuring and appraising imported goods, as well as rents for buildings not owned by the government. Maintenance of custom houses and other buildings owned by the government is paid out of specific appropriations for those purposes.

The expense of collecting the internal revenue has not exceeded 2 per cent since 1898, while in 1871 collection expenses were more than 5 per cent. The customs revenue costs something more than 3 per cent to collect, and varies, of course, with the tariff. With the lowering tariff rates and the increased imports the cost of collection advances. In 1915 it cost 4.42 per cent to collect the customs.

Finances, Superintendent of.—On Feb. 7, 1781, the Continental Congress passed an act establishing the office of Superintendent of Finance. Robert Morris was appointed to the position. Previous to this the Committee of Claims and the Treasury Office of Accounts were combined in what was called the Treasury Board, consisting of five members of Congress. This board expired with the appointment of Morris. He was authorized to examine into the state of the country's finances, report plans for improvement, direct the execution of orders respecting revenue and expenditure, and control the public accounts. Morris resigned in 1784 and the finances of the Government were placed under a board of three commissioners, where they continued until 1789, at which time, the first Congress established the present Treasury Department (q. v.).

Fine Arts Commission.— The Fine Arts Commission was established in 1910 by act of Congress in order to give advice and to assist in the selection and location of monuments erected under the supervision of the Government; and also to help in the choice of artists and of models in that connection. The Commission, which consists of seven members appointed by the President for a term of four years, must approve all plans for public buildings erected in Washington, and in a general way also gives advice to the Government on all matters of art in the country.

Fine Arts, International Exhibition of, to be held at Munich, Bavaria, 5193.

Fines:
Imposed upon Gen. Jackson, remission of, recommended, 2062.
Remitted by Executive, inquired into, 637.

Fingal, The, engagement with the *Weehawken* referred to, 3392.

Finland.—Finland is situated in northern Europe, northeast of the Baltic Sea. It is bounded on the north by Lapland, on

the east by Russia, on the south by the Gulf of Finland and on the west by Sweden and by the Gulf of Bothnia, which separates it from Sweden. Its area is 125,689 square miles, of which 55% is forest and marsh and at least 10% comprises lakes. Of the latter, Lake Saima is the chief means of communication between Central Finland and the Gulf of Finland. There are no rivers of importance. The land is largely level, but is used more for pasture than for cultivation. Indeed, to a great extent Finland is dependent for food upon outside sources. However, there is extensive dairying. Bears, wolves, lynxes, foxes, elk and reindeer are found, as are waterfowl and other game birds, and there are large supplies of salmon, herring and other fish. There is little industry.

History.—The Finns, or Suomi, are probably of a Mongolian stock, akin to the Magyars of Hungary. They are believed to have migrated to their present abode from the Volga River in the seventh and eighth centuries A. D. In the twelfth and thirteenth centuries they were conquered and Christianized by Sweden, and for more than five hundred years they prospered under Swedish rule.

Finland's strategic position caused Russia to covet the possession of the country, and finally, in 1809, Russia was able to compel Sweden to cede Finland. However, Finland was left a large degree of autonomy, and continued to prosper as a Russian grand duchy until the very end of the nineteenth century, when Russia began ruthlessly to Russify the land and to annihilate Finnish self-government. In the abortive Russian Revolution of 1905, Finland played a part and succeeded in wringing some important concessions from the Tsar of Russia. But in the following years the country was once more oppressed by Russia and it was not until the Russian Revolution of March, 1917, that Finnish nationalistic integrity was once more established.

After the Bolshevist Revolution in Russia in November, 1917, Finland proclaimed herself an independent state, and her independence was recognized by the Bolshevist Government. But a civil war broke out between the "Red Guards" (Bolshevist) and the "White Guards" (pro-German), and the struggle was severe and ruthless until General Mannerheim, the White Guard leader, finally gained the upper hand. His Government was recognized by the Entente Allies and by the United States in May, 1919.

Government.—The Constitutional Law of 1906 provided for a single chamber of 200 members, chosen by direct and equal votes. Every citizen, male or female, above the age of 24, has a vote. There are sixteen electoral districts, a re-arrangement being required every ten years. The voting system is the preferential one, designed to give representation to all important minority groups as well as to the leading parties. In 1919, the Cabinet consisted of a prime minister and twelve ministers. The President holds office for six years.

Population.—The census of 1911 gave the population as 3,115,197. The latest estimate is 3,500,000. About 15% of the population is urban. Practically all the inhabitants are Lutherans, and most of them speak Finnish, although there is a Swedish-speaking minority.

Education.—Latest figures show 1 technical high school with 589 students; 2 commercial high schools (189); 72 lyceums (16,277); 17 continuation classes (681); 32 elementary schools (2,972); 25 girls' schools (5,402); 36 preliminary schools (1,912); 8 high schools (1,686); primary schools with 265,000 pupils; 15 training schools for teachers with 1,339 students. There are in addition a number of special vocational and trade schools. The University of Helsingfors has some 4,000 students, of whom about one-fourth are women. Education is general in Finland and there is little illiteracy. Latest figures show 274 newspapers and reviews in Finnish and 103 in Swedish.

Finance.—In 1915, the receipts were $60,000,000 and the expenditures, $45,000,000. Latest figures show annual expenditures of $145,000,000. The unit of currency is the mark, valued at $.19 in United States currency. The metric system of weights and measures is in use. There are 14 commercial banks and 420 savings banks.

Industry and Agriculture.—The last census showed 285,000 farms. The last crop showed 3,975,000 hectolitres of rye, 1,770,000 of barley; 8,425,000 of oats; 7,235,000 of potatoes; and 91,700 of wheat. Latest figures showed 288,000 horses and 1,150,000 horned cattle.

The chief wealth of the country is its forests. Latest figures show that the public forests cover 12,450,000 hectares. There are almost 1,000 saw-mills, which give employment to some 27,000 workers.

Recent figures show an annual production of some 10,000 metric tons of pig iron and 27,000 metric tons of bar iron.

There are some 5,000 manufacturing plants, employing 110,000 workers, and yielding a product valued annually at $130,000,000. According to the values of the outputs, the chief industries are wood, paper, iron and mechanical, textile, leather and tobacco.

Trade.—The latest available figures show exports from Finland valued annually at $110,000,000 and imports into Finland of $50,000,000. Before the World War, the chief countries of trade were Germany, Russia and Great Britain, but after the War the trade was chiefly with Russia, Sweden and Norway. The chief exports are timber, paper, iron and iron goods, textiles and leathers; and the chief imports are cereals, coffee, ironware, sugar, cotton, machinery and chemicals.

Communications.—Before the World War interrupted commerce, some 8,500 vessels, of 2,335,000 tons, entered and cleared from Finnish ports every year. Of these, some 3,250 sailing vessels and 565 steam vessels were Finnish.

The lakes in Finland are connected by canals, and there is a great amount of canal transportation. Latest figures show 2,500 miles of railroads, owned and operated by the state, and with a 4.9 gauge. There are 2,500 post-offices.

Fire Engines referred to, 649.

Fire-hunting at night forbidden in Canal Zone, 7919.

Fire Insurance. (See Insurance, Fire.)

First Assistant Postmaster-General. (See Assistant Postmasters-General.)

First United States Volunteer Regiment of Cavalry, mentioned, 6637.

Fiscal Bank of United States.—After the repeal of the subtreasury act in 1841,

the Whig majority in Congress passed an act chartering the Fiscal Bank of the United States. This was vetoed by President Tyler. A bill was then passed chartering the Fiscal Corporation of the United States, which it was thought would meet his approval, but this also was vetoed.

Fiscal Bank of United States, act to incorporate subscribers to, vetoed, 1916.

Fiscal Corporation of United States, bill to incorporate, vetoed, 1921.

Fiscal Policy. (See Finances.)

Fiscal Year, change in, made, 2117. Recommended, 1611.

Fish Commission. (See Commerce and Labor, Department of.)

Fisheries.—The right to catch fish on the high seas is open to all; but by international law, as the sea for a marine league is under the jurisdiction of the sovereign of the adjoining land, no one can fish in such waters without express permission given by law or treaty. After the Revolution the people of Canada disputed the right of citizens of the United States to fish off the banks of Labrador, Newfoundland, and the Gulf of St. Lawrence. By the treaty with Great Britain in 1783 citizens of the United States were given the right to take, cure, and dry fish on the coasts, bays, and creeks of any unsettled British possessions. Permission was also given them to take fish without curing or drying them, on the coasts of Newfoundland. On the coasts, bays, and creeks of Nova Scotia, Magdalen Islands, and Labrador, after they should become settled, the right to take and cure fish was given only with the consent of the inhabitants or proprietors of the ground. American fishermen were not slow to take advantage of the opportunities provided by this treaty, and Canadian resentment became more pronounced. The War of 1812 dissolved this treaty, and in the treaty of Ghent (q. v.) in 1814, the question of fishery rights was not mentioned, thus virtually allowing the old rights to stand.

In 1818 a convention of the United States and England decided that the citizens of the former should have the perpetual right to fish on the western and northern coasts of Newfoundland within certain limits, on the shores of the Magdalen Islands, and on those of Labrador from Mount Joly eastward and northward. The right of drying and curing fish on the western and southwestern coasts of Newfoundland and the coast of Labrador was granted so long as they remained unsettled, but afterwards only with the consent of the proprietors. This agreement, however, did not improve the situation on account of the various interpretations given to the "Three-mile limit." Between 1854 and 1866 a reciprocity treaty, virtually between Canada and the United States, permitted the citizens of the latter to fish in all the British possessions except Newfoundland, where the right was denied. From 1866 to 1871 the conditions of the treaty of 1818 prevailed.

By the treaty of Washington in 1871 Canadian fishermen were permitted to take any fish except shell-fish, shad, and salmon in the waters of the United States as far south as lat. 39°, United States fishermen to have the same privilege in Canadian waters. The Canadians, however, insisted that the concessions to United States fishermen were far more valuable than those awarded themselves. (See Fortune Bay Outrages.) As a result of this contention a joint commission was appointed to determine the excess of advantages enjoyed by the United States and the amount to be paid therefor. (See Halifax Commission.)

June 30, 1885, the provisions of the treaty of Washington relating to fisheries ceased to be operative, after due notice by the United States. This abrogation revived the provisions of the convention of London, which were not satisfactory to either party. In May, 1886, the *David J. Adams,* a United States fishing schooner, was seized on the charge of having purchased bait on forbidden coasts. Several other seizures were made, causing great excitement in the United States and Canada. March 3, 1887, Congress pased a retaliation act, providing that whenever the president shall be satisfied that our fishing vessels are illegally, unjustly, or vexatiously restricted or harassed in the exercise of their business or denied the privileges accorded to the vessels of the most favored nation in respect to touching or trading by the authorities of the British North American dominions he may by proclamation close our ports and waters against the vessels and products of all or any part of said British dominions. President Cleveland, instead of exercising this power, moved for a commission to amicably adjust the points of dispute under the convention of London. Thomas F. Bayard, William L. Putman, and James B. Angell were selected to represent the United States, and Joseph Chamberlain, Sir Lionel Sackville-West, and Sir Charles Tupper represented Great Britain. Feb. 15, 1888, a treaty was signed and immediately laid before the two Governments for ratification. Great Britain abandoned her claim that the three-mile limit extended from headland to headland, and agreed that, except in cases specially mentioned of bays more than ten miles wide, the marine league should be measured outward from a line drawn across them, and also agreed that the United States fishing vessels should have the same rights in Canadian ports as Canadian vessels, except that the purchase of bait was forbidden. The treaty also contained a reciprocity clause. It was rejected by the Senate Aug. 21, 1888. Since that period good relations have been maintained by virtue of a *modus vivendi* terminable at will. In 1890 Canada raised this *modus vivendi* to the status of a law of the Dominion.

At a meeting of conferees of the two powers held at Washington in May, 1898, it was agreed to submit the question of the fisheries, among others, to a joint high commission.

This commission assembled at Quebec in August, 1898, and adjourned to Washington in the winter following, but arrived at no agreement thereon.

The differences between the United States and Great Britain regarding the interpretation of the treaty of 1818 were finally submitted for arbitration to the Hague Tribunal, which handed down a decision in September, 1910. The issues may be thus summarized:

First: Must any reasonable regulations made by Great Britain, Canada, and Newfoundland, in the form of municipal laws, ordinances, or rules governing the time or implements for fishing be subject to the consent of the United States? Second: Have inhabitants of the United States a right to employ in crews fishing on treaty coasts, persons not inhabitants of the United States? Third: Can Americans, exer-

cising their right to take, dry, and cure fish on treaty coasts, be subjected to requirements of custom-house entry or report, or payment of dues, or any similar conditions, without the consent of the United States? Fourth: Can the treaty rights to enter certain bays or harbors for shelter, repairs, wood, and water be made conditional upon the payment to customs officials of light, harbor, or other dues, or similar conditions? Fifth: From where must be measured the three marine miles within which Americans may not fish? Sixth: Does the treaty give Americans rights to fish in the bays, harbors, and creeks of Newfoundland as in Labrador? Seventh: Are American fishermen operating on treaty coasts to have the commercial privileges accorded generally to American trading vessels?

The Hague Tribunal decided the first and fifth questions in favor of Great Britain and the remainder in favor of the United States. The following judges heard the case: Lammasch, of Vienna (president); Judge Gray, of Delaware; Chief Justice Fitzpatrick, of Canada; Dr. Drago of Argentina; and Dr. Savarin-Lohman, of Holland.

With regard to the first question it was decided that Great Britain's right to regulate her fisheries without the consent of the United States is inherent in her sovereignty, but that she must not violate the treaty of 1818 or give local fishermen an advantage over Americans. The award further provided that existing regulations should be examined as to their justice and propriety by a committee composed of two experts, one from each country, together with Dr. Paulus Hock, fisheries adviser to Holland; that if they report unanimously, The Hague Tribunal shall incorporate such findings in its award; and that if they fail of unanimity the local regulations will be examined by the Tribunal itself. The award decreed that future Anglo-American disputes regarding fisheries shall be considered by the committee headed by Dr. Hoek.

The successful claim of Great Britain regarding the fifth point was that the three marine miles within which the United States had agreed not to take fish should be measured from an imaginary line drawn across the mouth of a bay, no matter how wide, from headland to headland; the United States, on the other hand, contended that the line should follow the sinuosities of the coast, thus permitting Americans to fish in bays, providing they maintain three marine miles of water between themselves and the nearest coast.

The decision on other points made it unnecessary for American fishermen to report to customs-houses or to pay light, harbor, or other dues; permits the employment of Newfoundlanders on American fishing vessels, and gives American fishing vessels the right to purchase supplies and to enjoy other commercial privileges.

The decision has been received with mixed satisfaction by the herring fishery interests of both countries. One of the remarkable incidents of the case was that the Canadian Chief Justice, Fitzpatrick, voted against Great Britain on the five points ceded to the United States, and Judge Gray, of Delaware, voted against the United States on the two points ceded to England. Senator Elihu Root argued the cause of the United States. Only one judge, Dr. Drago, upheld the American contention that the three-mile barrier should follow the sinuosities of the coast.

Estimates for the fishing industry in the United States are as follows:

Sections	*Vessels*	*Employees*	*Value Products*
South Atlantic[1]	534	17,961	$ 4,034,000
Gulf States[1]	915	15,387	4,824,000
Middle Atlantic[1]	3,165	45,208	16,302,000
New England[1]	1,623	22,157	15,140,000
Great Lakes[2]	587	9,221	6,298,000
Rivers[1]	39	11,825	3,125,000
Pacific Coast[3]	1,038	28,936	9,301,000
Alaska[4]	820	31,213	59,155,000

[1] 1908; [2] 1917; [3] 1915; [4] 1918.

Figures for the value of the product of the nations making the most valuable catches of fish are as follows:

United States (see above table)	$118,179,000
U. S. Insular Possessions	15,800,000
Japan (1911)	63,148,000
Canada (1917)	52,112,000
Russia (1911)	50,035,000
England and Wales (1916)	36,686,000
China, Korea, other Asiatic	34,000,000
France and Algeria (1913)	33,035,000
Scotland (1918)	29,484,000
Norway (1913)	14,517,000
Spain (1914)	13,895,000
Germany (1913)	10,765,000

Fisheries (see also Bering Sea Fisheries; Fortune Bay Outrages; Geneva Tribunal; Halifax Commission; Halifax, Nova Scotia):
Capture and detention of American fishermen, 853, 855, 4068.
Commission on subject of, recommended, 4757, 4917, 5114.
Commission to be organized, 2867, 4075.
Correspondence regarding, with—
France, 3233.
Great Britain, 3233, 5121, 5193.
Discussed by President—
Adams, John, 241.
Jefferson, 334.
Washington, 77.
Dispute between Great Britain and United States, Hague award in, 7409, 7492.
Federal control of interstate recommended, 7229.
International, 7229.
Interstate, 7230.
Joint commission between United States and Great Britain relating to preservation of, 6183.
Joint high commission between United States and Great Britain on subject of, to sit at Washington, 4075.
Outrages committed on American fishermen, 4542, 4558.
Papers for protection of vessels engaged in, referred to, 1774.
Preservation of, Anglo-American joint agreement for, 7495.
Questions growing out of, with Great Britain (see also Bering Sea Fisheries; Fortune Bay Outrages; Geneva Tribunal; Halifax Commission; Halifax, Nova Scotia)—

Discussed by President—
Cleveland, 4916, 5084, 5114, 5188, 5205, 5213, 5364, 5384.
Fillmore, 2675, 2694, 2699, 2724, 2726.
Grant, 4012, 4056, 4068, 4075, 4097, 4141.
Harrison, Benj., 5469.
Johnson, 3581, 3888.
Pierce, 2741, 2761, 2867.
Tyler, 2112.
Regulations of Great Britain, France, and Germany respecting, referred to, 1127.
Salmon, decrease in, 7230.
Treaty with Great Britain regarding, 2775, 2780, 2810, 2944, 4164, 4867, 5188. (See also Geneva Tribunal and Great Britain.)
Acts passed to give effect to, passage of, proclaimed, 4179.
Meetings of commissioners referred to, 5196.
Rejection of, discussed, 5205, 5364.
Termination of, discussed, 4757, 4916.
Proclaimed, 4867.
Unfriendly treatment of American fishermen by Canadians, 4012, 4056, 5114.
Vessels sent to protect American fishermen, 2694.

Fisheries, Bureau of.—(Department of Commerce.) The work of the Bureau of Fisheries comprises (1) the propagation of useful food fishes, including lobsters, oysters and other shellfish, and their distribution to suitable waters; (2) the inquiry into the causes of decrease of food fishes in the lakes, rivers and coast waters of the United States, the study of the waters of the coast and interior in the interest of fish-culture, and the investigation of the fishing grounds of the Atlantic, Gulf and Pacific coasts, with the view of determining their food resources and the development of the commercial fisheries; (3) the collection and compilation of the statistics of the fisheries and the study of their methods and relations. The bureau also has jurisdiction over the fur-seal herds and the salmon fisheries of Alaska.

An idea of the extent of the fishing industry of the country may be gained from the table on the preceding page.

For the last fiscal year, the Bureau distributed 1,177,870,545 eggs, chiefly Pike Perch, Cod, Haddock, Lake Herring and Whitefish; 4,547,340,325 fry, chiefly winter flounder, pollock, whitefish, yellow perch, pike perch, haddock and buffalofish; and 151,774,480 adults, yearlings and fingerlings, chiefly salmon, carp, crappies and catfish. Hatchery work was prosecuted at 70 main and auxiliary stations in thirty-three states and Alaska.

Fisheries, Bureau of, should include Alaska fur seal service, 7230.

Fisheries Exhibition, International, at London, discussed, 4688.

Fishermen, American:
Capture and detention of, 853, 855, 4068.
Outrages committed on, 4542, 4558.
Unfriendly treatment of, by Canadians, 4012, 4056, 5114.
Vessels sent to protect, 2694.

Fishers Hill (Va.), Battle of.—Early's retreat from the Opequan after the battle of Sept. 19, 1864, did not stop at Winchester, but continued to Fishers Hill, south of Winchester and about 12 miles from the scene of the battle of Opequan Creek. Here Early rallied his forces. To drive him from this position, Sheridan dispatched Torbert with 2 divisions of cavalry by a circuitous route to the Confederate rear, and on the evening of Sept. 22 the Sixth and Nineteenth Corps engaged Early in front, while Torbert's forces fell upon the rear. The Confederates retreated and Sheridan followed them through Harrisonburg, Staunton, and the gaps in the Blue Ridge Mountains. Sheridan then devastated the valley so as to render it untenable for Confederate troops. At Fishers Hill he captured 1,100 prisoners and 16 guns.

Fishery Commissions. (See Fisheries and Bering Sea Fisheries.)

Fish Packers licensed, 8497.

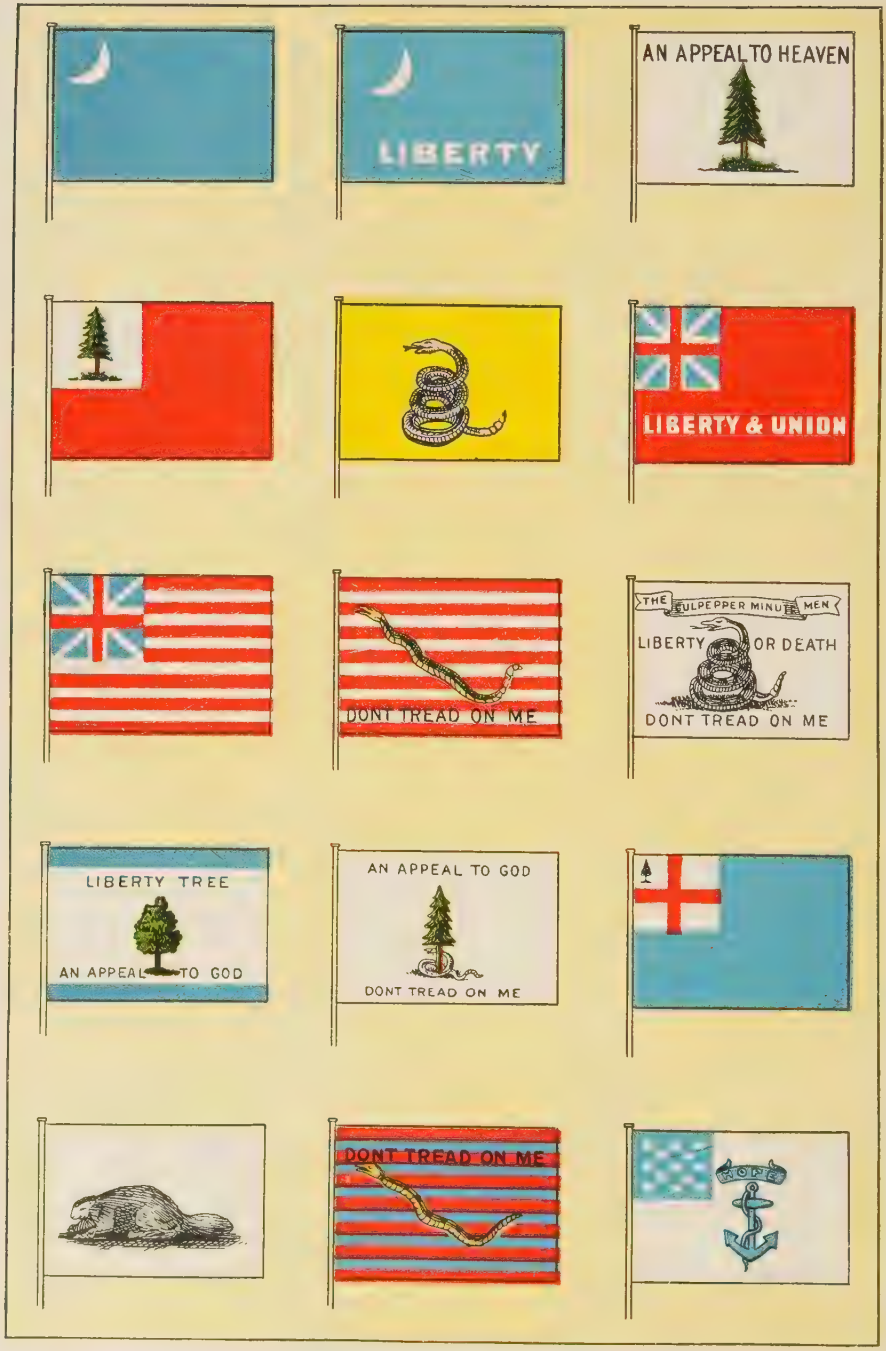
Fiume, disposition of, discussed, 8702-8708, 8789, 8830-8839.

Five-cent Piece.—In 1792 Congress authorized the coinage of a silver half dime of 20.8 grains in weight. This was the first coin struck by the United States Mint. In 1853 the weight was reduced to 19.2 grains. There were no issues of this coin in 1798, 1799, 1804, and from 1806 to 1828. In 1866 the nickel 5-cent piece was authorized and the legal-tender value reduced from $5 to 30 cents. Coinage of the silver half dime was discontinued in 1873.

Five Civilized Tribes. (See Indian Tribes.)

Five Forks (Va.), Battle of.—March 27, 1865, Gen. Sheridan, with 10,000 cavalry, returned with his raid through the Shenandoah Valley and rejoined the Army of the Potomac before Richmond. On the 29th Grant began a movement to turn the Confederate right or destroy their line of retreat south. Sheridan, with the Fifth Corps, under Gen. Warren, and about 9,000 cavalry, crossed Hatchers Run and proceeded by way of the Boydton plank road toward Dinwiddie Court-House. Warren found the Confederates in force on the White Oak road. Sheridan, passing Dinwiddie, turned north. Lee had sent a stronger force, chiefly the divisions of Johnson and Pickett, to meet the threatened attempt on the roads to his rear. March 31 this column met and defeated Warren and then attacked Sheridan at Five Forks and drove him back toward Dinwiddie. The next morning, April 1, Sheridan advanced with his cavalry and the Fifth Corps, about 12,000 strong. By 2 P. M. the Confederates had retired into their main works. Ayres, on the left of the Fifth Corps, made a charge, carrying all before him, and taking 1,000 prisoners; Griffin captured the works in his front, taking 1,500 prisoners; Crawford seized the Ford road in the Confederate rear; Merritt's cavalry made a charge, and the day was won, but not without a desperate resistance. Lee's army was virtually overwhelmed. For 6 miles it fell back along the White Oak road. More than 5,000 prisoners were taken, with 6 guns and 13 colors. Sheridan's loss was about 1,000, of whom 634 were of Warren's Corps.

DEL. 1787
PA. 1787
N. J. 1787
GA. 1788
CONN. 1788
MASS. 1788
MD. 1788
S. C. 1788
N. H. 1788
VA. 1788
N. Y. 1788
N. C. 1789
R. I. 1790
VT. 1791
KY. 1792
TENN. 1796
OHIO 1803
LA. 1812
IND. 1816
MISS. 1817
ILL. 1818
ALA. 1819
ME. 1820
MO. 1821
ARK. 1836
MICH 1837
FLA. 1845
TEX. 1845
IOWA 1846
WIS. 1848
CAL. 1850
MINN 1858
ORE. 1859
KAN 1861
W. VA 1863
NEV. 1864
NEB. 1867
COL. 1876
N. DAK. 1889
S. DAK. 1889
MONT. 1889
WASH. 1889
IDAHO 1890
WYO. 1890
UTAH 1896
OKLA. 1907
N. M. 1912
ARIZ. 1912



EARLY AMERICAN FLAGS

Five-Forties.—Bonds redeemable by the Government after five years, but payable in full at the end of forty years.

Five-Twenties.—Bonds redeemable by the Government after five years, but payable in full at the end of twenty years.

Flag.—A banner or ensign, sometimes called colors. There are records of ensigns in the earliest traces of ancient civilization—for instance, among the Greeks, Persians, Romans. The Roman eagle, especially in time of war, was particularly able to command attention and devotion. Through the medieval ages, again, ensigns were much in evidence, but were largely the personal insignia of individual leaders. The flag in its modern significance of typifying the ambitions and ideals of an entire nation becomes evident only with the emergence of the modern nation, around the thirteenth century.

Among the early American colonies, the British ensign was naturally much in evidence. In many cases, however, the insignia or mottoes of the several colonies were added. There is even a tradition that an early colonial leader cut out with his sword the St. George's cross from the flag because the cross was a symbol of Romanism. Around the end of the seventeenth century, there was in general use a flag for all of New England which consisted of a white field with the St. George's cross and the letters J. R. (Jacobus Rex).

When the colonies began their war of independence from Great Britain, each colony naturally came into the field with its own devices, the number of which was almost legion. Connecticut had on its flag the arms of the colony, with the motto, "Qui transtulit sustinet" (He who brought us across will sustain us). The colony of New Amsterdam, soon to be known as New York, used the arms which constitute, practically untouched, the present arms of New York City, the beaver denoting both industry and the wealth of the fur trade. This flag was used in the early years of the Revolution by ships plying from New York harbor.

Soon after the battle of Bunker Hill, Putnam displayed a flag with a red ground—on one side the Connecticut motto described above and on the other the words, "An Appeal to Heaven." The latter phrase was a favorite Massachusetts motto. Most of the early vessels sailing under the control of General Washington used a pine tree, another favorite device among the colonists, but many private men-of-war used also the device of a mailed hand grasping a bundle of thirteen arrows. A flag in use among the Southern colonists was blue with a white crescent. Another favorite device among the colonists was a rattlesnake, usually with thirteen rattles, and often with the words, "Don't Tread on Me."

On January 2, 1776, Washington displayed a flag which had been designed by a committee, which consisted of thirteen stripes of red and white, with the British Union Jack where the stars now are, thus showing that the colonists at that time still had not lost all feeling of allegiance toward Great Britain.

An interesting, but hardly verifiable legend is connected with the design of the first American flag. The story runs that in June, 1776, a committee of Congress, consisting of George Washington, Robert Morris, and Colonel George Ross, waited upon the widow of Colonel Ross's nephew in her upholstery shop in Philadelphia, and asked for assistance concerning the design of the new flag to be adopted by the Congress. The committee had already planned a flag consisting of thirteen stars and thirteen stripes, but the stars were six-pointed. When Betsy Ross advised, however, five-pointed stars, and showed how they could be cut with but one clip of her scissors, the committee adopted her suggestion. It is said that it was Washington who suggested that the stars be arranged in a circle, in order to show that all the states were equal, and that no one of them was entitled to take precedence over any other. The house in which this story is centered is located at 239 Arch Street, Philadelphia, and is called the Betsy Ross House.

June 14, 1777, the flag of the United States had its statutory beginning in the following resolution: "Resolved, that the flag of the United States be thirteen stripes, alternate red and white; that the union be thirteen stars, white in a blue field, representing a new constellation." The banner of the United States is commonly supposed to have been based upon the Washington coat-of-arms. Paul Jones claimed to have been the first to use the new flag at sea, and on land it was first used over Fort Stanwix on August 6, 1777, and in battle first in the battle of Brandywine, September 11, 1777.

The first victory of any American flag, however, had been in 1776, when Commander Manley, of the *Hancock*, defeated a British armed vessel off Boston harbor. On a contemporary picture of the battle, Manley's flag is shown as the pine-tree.

The first occasion when an American flag floated over foreign soil was on March 3, 1776, when Commander Hopkins, of the Congress fleet, landed several hundred men on the Bahamas. The flags then used were described as the thirteen stripes with the British Union and also the rattlesnake flag with its motto.

Vermont was admitted to the Union in 1791 and Kentucky in 1792, but the flag was not altered until 1794, when by Congressional resolution two more stars and two more stripes were added. In spite of the admission of new states from time to time, the flag remained as indicated above until April 4, 1818, when by act of Congress it was reestablished with thirteen stripes, representing the thirteen original states, and twenty stars, one star for each new state admitted, to be added to the flag on the 4th of July succeeding such admission.

From what evidence can be obtained, it seems that the stars in the field of the flag were placed in rows for the first time in 1818, previous flags having the stars arranged in a circle or in the shape of a large star.

There are several stories concerning the christening of the flag "Old Glory." One is to the effect that the christener was a famous Salem skipper, Captain Stephen Driver, who doffed his hat and hailed as "Old Glory" a flag (which had been presented him by friends) as it was raised aloft on his ship when he was about to depart on a long cruise. Another story is to the effect that the captain (whose Christian name was William) at the outbreak of the Civil War was living in lonely retirement in Nashville. Fearing that his beloved flag would be taken from him, he sewed it dexterously into his bed quilt; and when the city was taken by the Union forces in 1862, he carried his saved treasure to the Capitol Building, and as it was spread out to the breeze, for the first time christened it "Old Glory."

It seems that after the establishment of the Union the flag was not officially carried into battle until the Mexican War. At that time, it had 29 stars. In the Civil War, the

flag had 35 stars; in the war against Spain, it had 45 stars; and in the war against Germany, it had 48.

When the Southern states seceded from the Union, they had the same confusion about flags as the early American colonists had had. Finally, late in 1861, a flag was adopted with a broad white horizontal bar between two broad red horizontal bars, with a blue union in which there were seven stars in a circle, the number being later changed to thirteen. But the Confederate flag usually used in battle was a blue St. Andrew's cross with a white border and thirteen white stars. In 1863, the battle flag was placed on a white field, but this flag was so often mistaken for a flag of truce that in 1865 a red bar was placed across the white field.

Military, but not necessarily civil regulations, demand the observance of the following ceremonies concerning the flag:

It should not be hoisted before sunrise nor allowed to remain up after sunset.

At "retreat," sunset, civilian spectators should stand at "attention" and uncover during the playing of the "Star Spangled Banner." Military spectators are required by regulation to stand at "attention" and give the military salute.

When the National colors are passing on parade, or in review, the spectator should, if walking, halt, and if sitting, arise and stand at attention and uncover.

When the flag is flown at half staff as a sign of mourning it should be hoisted to full staff at the conclusion of the funeral.

In placing the flag at half staff, it should first be hoisted to the top of the staff and then lowered to position, and preliminary to lowering from half staff, it should be first raised to the top.

On Memorial Day, May 30, the flag should fly at half staff from sunrise to noon and full staff from noon to sunset.

Government ships entering foreign ports are expected to display the flags of these countries, together with a salute of guns.

When the flag is hung reversed, or with the union down, distress is indicated. A salute of the flag usually consists of three "dips," a dip consisting of lowering the flag slightly from the top of the mast and then raising it again.

The flags in most common use in the United States are reproduced on the adjoining plate.

The President's flag is broken at the main of any vessel of the United States which the President is visiting, at the moment that he reaches the deck. The flag is kept flying as long as he is on board. The President usually directs that his flag be displayed from the staff in the bow of his barge. When the President passes in a boat flying his flag, vessels of the United States Navy parade the full guard, four ruffles are beaten on the drum, four flourishes are blown on the bugle, the National Anthem is played by the band and the officers and men salute. All saluting ships, when passing a ship flying the President's flag, fire a national salute, as do all naval batteries when the President's flag goes past.

The Union Jack is flown from the jackstaff (the staff at the bow) of vessels at anchor, from morning to evening colors. When hoisted at the fore mast, it is a signal for a pilot. When hoisted at the mizzen mast or at a yard arm, it indicates that a general court martial or a court of inquiry is in session. The jack is carried on a staff of the bow of a boat of the navy bearing on an official visit a diplomatic officer of the United States of or above the rank of chargé d'affaires or the naval governor of Guam, Tutuila or the Virgin Islands, within the limit of his government. Yachts may fly the Union Jack from 8 a. m. to sunset, while at anchor and when no wash clothes are triced up.

The United States Army flags used to designate its several branches are of two kinds—colors and standards. The colors are used by unmounted troops and the standards by mounted forces. The chief points of difference between them are the smaller size of the standards and the absence of cords and tassels on the standards.

In garrison, the standards or colors are kept in the offices or quarters of the colonel. They are escorted thereto and therefrom by the color guard. In camp, the colors or standards are displayed before the colonel's tent, when not in use, with the national color or ensign on the right.

The names and dates of battles in which regiments or battalions have participated are engraved on silver bands, which are then placed on the pikes of the colors or the lance of the standard. The War Department decides upon the battles which are important enough to be thus utilized.

The flag of the Secretary of the Interior has a brown bison upon a green field, with a yellow star in each corner.

The Assistant Secretary of War's flag is similar in design to that of the Secretary of War, but is on a white field instead of on a red and the four corner stars are red instead of white.

The flag of the assistant secretary of the navy is the same as that of the secretary, with the colors reversed.

The flags of the assistant secretaries of commerce and treasury are the same as those of their chiefs, with the color scheme reversed.

When generals, lieutenant generals, major generals or brigadier generals are in automobiles or upon boats, a red flag is flown with four, three, two or one white stars, as the case may be. (See table of insignia under Army.)

The Chief of Staff's colors have a field of a red and a white triangle, the red having its base on the staff. In the centre is the spread eagle of the national coat-of-arms imposed upon a white star. There is a white star at the right angle of the red triangle and a red star in the corresponding position in the white.

As shown in the adjoining plate, the flags of the admiral, vice admiral and rear admiral have a blue field, but when these are officers of a junior grade, they fly flags with the white stars upon a red field in the presence of senior officers of their grades. A commodore of naval militia flies a flag of the same shape as that of the commodore of the navy, but the upper half only is of blue, the lower being yellow and the white star being placed upon the blue field.

The corps and regimental colors of the Marine Corps have the Marine Corps device upon a blue field, with red scrolls above and below.

The Coast Artillery Corps colors are similar in design and color to those of the Secretary of War, except that there are no large stars in the corner and that under the eagle are the crossed cannon device and a yellow scroll containing in red the words "U. S. Coast Artillery Corps."

The device of the Engineers' Corps is a castellated fort. On the Engineers' colors,

FLAGS IN COMMON USE IN THE UNITED STATES

FLAGS IN COMMON USE IN THE UNITED STATES

this device is placed over a white lettered scroll, the field of the flag being red. Above the fort and the scroll is the spread eagle device to be found on the flag of the Secretary of War.

The field of the colors of the United States Cadet Corps is gray. Instead of the national coat of arms there is an escutcheon bearing the national colors on which there is a cap of Mars and which is surmounted by an eagle.

The field artillery standard is of similar design, except that the field is of red and the scroll is of yellow.

The mounted engineers' standard is similar to that of the field artillery, except that the scroll is of white and that there is a white castellated fort above it.

The standard of the Signal Corps also has the spread eagle device upon a red field, the scroll being white and placed under the crossed semaphore flag device.

The cavalry standard has a field of yellow, upon which is placed the same device as on the flag of the Secretary of War. Under this device is a red scroll containing the words "U. S. Cavalry."

Each troop of cavalry carries a guidon with the upper half red and the lower, white. The white numeral upon the upper half indicates the regiment and the red letter upon the lower half, the troop. The guidon of the field artillery has a solid red field, with the letter and numeral in yellow and a crossed cannon device also in yellow. The guidon of the mounted engineers has a white castellated fort upon a red field, with the letter and numeral also in white. The guidon of the Signal Corps has a red field with the device of the crossed semaphore flags. The aero squadron guidon is similar, with the addition of the flying eagle device.

The motor truck company guidon is triangular, with a red, white and blue field. Upon the white section of the field is the device of the eagle over the starred wheel and the crossed sword and key.

The field hospital guidon has the caduceus of Hermes in white upon a purple field. The guidon of the ambulance company is similar, except that the former has the white letters "F. H." and the latter, "A. C." The field hospital flag is the red cross on a white field, as is the ambulance flag.

Ammunition trains display a red triangular pennant, with a large white numeral. This pennant is given the right of way in time of battle.

A blue anchor on a white field is the device of the flag flown at the jackstaff by vessels of the Coast Guard patrolling large harbors of the United States.

Flag:
Day, 8173, 8276.
Address of President Wilson, 8276.
Significance of, 8277.
Sizes and Proportions of, fixed, 8172.

Flags:
Confederate, captured, to be presented to Congress, 3309.
Neutral, protest against use of, by belligerents, 8056.
Union and Confederate, return of, to respective States recommended, 5163.
Proposition withdrawn, 5164.

Flathead Indians. (See Indian Tribes.)
Treaty with, 2913.

Fleet Naval Reserve. (See Naval Reserve.)

Flogging.—A chastisement by beating or whipping. It was a punishment inflicted in the United States Navy until 1850, when it was abolished. In 1861 it was prohibited in the Army.

Florida.—One of the southern group of states; nickname, "The Everglade State"; motto, "In God We Trust." It lies between lat. 31° and 24° 30′ north and long. 79° 48′ and 87° 38′ west, an area of 58,666 square miles. It is bounded on the north by Georgia and Alabama, on the east by the Atlantic Ocean, on the south by Florida Strait and the Gulf of Mexico, and on the west by the Gulf of Mexico and Alabama (separated from the latter by the Perdido River). The east coast of the State contains many favorite winter resorts for tourists.

Florida was discovered by Juan Ponce de Leon on Easter Sunday in 1513. It was named, some say, from the profusion of flowers in bloom at the time of its discovery; others, from the day of its discovery, which in Spanish is called Pascua florida, or Flowery Easter. Expeditions fitted out at Cuba and Puerto Rico by Spaniards made futile attempts at settlement between 1516 and 1540. The French Admiral De Coligny sent three colonies of Huguenots from France to settle the country, but they were massacred by the Spaniards, and in 1565 St. Augustine was permanently established by the Spanish under Menendez. The territory was ceded to Great Britain in 1763 and returned to Spain in 1783. In February, 1819, East and West Florida were ceded to the United States, Spain receiving therefor $5,000,000. The territory was the scene of the Seminole war. It was admitted to the Union in 1845, seceded Jan. 10, 1861, and was readmitted by act of Congress June 25, 1868. The present constitution was adopted in the latter year. In 1910, the population was 752,619. The latest estimate was 939,000, of which about 40% is negro. About 45% of the population is urban, the largest cities being Jacksonville, Tampa, Pensacola and Key West. The capital is Tallahassee.

Latest figures show 2,916 elementary schools, with 198,365 enrolled pupils, and 103 high schools, with 6,339 pupils. The negro and white schools are separate.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 50,016, comprising 5,253,538 acres, valued, with stock and improvements, at $143,138,183. The average value of all land per acre was $17.84, against $7.06 in 1900. The value of domestic animals, live stock, poultry, etc., was $20,591,187, including 845,188 cattle, valued at $9,262,262; 45,640 horses, $4,854,699; 23,333 mules, $3,545,821; 810,069 swine, $1,848,731; 113,701 sheep, $256,166, and poultry, $673,814.

Latest figures for the field crops are as follows:

Crop	*Bushels*	*Value*	*Acreage*
Corn	12,600,000	$17,640,000	840,000
Peanuts .	3,402,000	7,178,000	126,000
Hay	141,000 a	3,243,000	113,000
Oats	1,140,000	1,368,000	60,000
Tobacco ..	3,990,000 b	2,175,000	4,200
Potatoes..	1,824,000	3,830,000	24,000
Sweet Potatoes..	4,100,000	5,740,000	41,000
Cotton ...	17,000 c	3,440,000	117,000

a—tons; b—pounds; c—bales.

The production of fruit, especially pineapples and oranges, represents a large share of Florida's wealth. Much of the state is covered by valuable timber, and much pitch, rosin and turpentine are produced. Latest figures show the forest area as 368,000 acres.

Florida has 60,000 horses, valued at $8,400,000; 40,000 mules, $7,840,000; 107,000 sheep, $556,000; 1,588,000 pigs, $20,644,000; 156,000 milch cows, $11,232,000; and 945,000 other cattle, $25,800,000. The last annual wool clip was 460,000 pounds.

The chief mineral production is phosphate, the annual yield for a recent year being 1,360,000 tons, valued at $3,800,000. Florida leads also in the production of Fuller's Earth.

There are extensive fisheries, especially shad, snapper, mullet and turtles. Florida is by far the leading state in the production of sponges. The tobacco manufactories of Key West and Tampa compete in importance with those of Havana.

Latest figures show 5,279 miles of steam railway and 200 miles of electric railway. The harbor of Pensacola has a depth of 30 feet and the harbors of Key West and Jacksonville have also been deepened. The railway extension to Key West was opened in 1912.

In 1914, there were 2,518 manufacturing establishments in the state, employing some 55,000 wage-earners, representing an investment of $88,319,000 and paying out annually in wages $24,822,000.

Florida (see also Confederate States):
- Acquisition of, by United States—
  - Discussed, 624, 672, 929, 956, 1029.
  - Effect of, discussed, 2878.
  - Treaty regarding. (See Spain, treaty with, discussed by President Monroe.)
- Archives of, to be delivered to United States, 1156, 1243, 1317.
  - Contravention of treaty regarding, discussed, 672.
  - Portion of, delivered, 1369.
- Army in, called into action only on written requisition of officers of Territory, 696.
- Bonds of, referred to, 1807, 1808, 1844.
- Boundary line with. (See Spain.)
- Boundary line with Georgia discussed, 895, 961, 1124, 1260.
- Canal routes in, survey of, 1254.
- Cedar Keys, interference with collector of customs at, 5507.
- Change of possession of, from Spain to other power objected to, 473. (See also Monroe Doctrine.)
- Claims arising out of invasion of. (See East Florida Claims.)
- Constitution of, transmitted, 3832.
- Courts of United States in, obstructions to execution of process of, 5539.
- Depredations of Indians, 1645, 2007, 2052.
- Expeditions against, 582, 590, 592, 601, 609, 620. (See also Expeditions Against Foreign Powers.)
- Fisheries on coast of, 2725.
- Fourteenth Amendment to Constitution ratified by, referred to, 3854.
- Government should be established in, 674.
  - Referred to, 696.
- Governor and other officers appointed for, 673.
- Inability of Spain to check Indian movements in, 600, 609.
- Indian depredations in, 1645, 2007, 2052.
- Indians in—
  - Authority to use certain funds in purchase of lands for, bill for, 5197.
  - Hostile acts of, 1433, 2007.
  - Referred to, 2128.
  - Removal of, discussed, 2583, 2707, 2720. (See also Indians, removal of.)
- Indian Wars in (see also Indian Wars)—
  - Brevet nominations for army officers for services in, 2008.
  - Correspondence regarding, referred to, 1796.
  - Discussed, 2007, 2051.
  - Disposition of Indians to treat for peace, 1647.
  - Referred to, 600, 1754, 1833, 1933, 2007, 2052.
- Insurrection in, proclamation regarding, 3217.
- Interference with collector of customs in Cedar Keys, and action of Government discussed, 5507.
- Lands granted to, in aid of railroads referred to, 3580.
- Lands in—
  - Claims to, 772, 993.
  - Titles to, 803, 993.
- Legislative council of—
  - Memorial from, regarding government, etc., for, 769.
  - Resolutions of, referred to, 2073.
- Maj.-Gen. Jackson's entrance into, discussed, 611.
  - Courts-martial of Arbuthnot and Ambristie [Ambrister] referred to, 612.
  - Idea of hostility toward Spain not entertained, 612.
  - Not an encroachment upon rights of Spain, 611.
  - Orders to Gen. Matthews, Col. McKee, and Governor Mitchell, regarding possession of, 491.
- Possession of, transferred from Spain to another power objected to, 473.
- Power to use certain funds for the purchase of lands for Indians in, 5197.
- Progress in, checked by malady at Pensacola, 759.

Property owners in, should be compensated for losses sustained, 1474.
Provisional governor for, appointed and restoration of, into Union discussed, 3527.
Railroads, lands for, 3580.
Smuggling practiced by citizens of. (See Smuggling.)
Spanish authority in, almost extinct, 600, 609.
System of buccaneering organized in, 609.
Territorial government established in, 756.
Laws of, referred to, 766.
Territorial judges in, authority of, to act as Federal judges, referred to, 2268.
Transmission of Constitution of, 3832.
Unlawful combinations in, 609.

Florida, The.—A Confederate cruiser fitted out in England under the name of the *Oreto*. For two years she did much damage to the Union cause. After having been twice seized and having twice escaped from the Federal cruisers, her name was changed to *Florida*. Oct. 7, 1864, in the harbor of Bahia, Brazil, in violation of the rights of neutrals and under the guns of the Brazilian corvette, she was captured by the *Wachusett* (sister-ship to the *Kearsarge*), commanded by Capt. Napoleon Collins. Subsequently she was taken to Hampton Roads and sunk in a collision.

Florists, Society of American, act incorporating, vetoed, 6010.

Flour, duty on, referred to, 1115.

Flour-Mill and Grist-Mill Industry.—(From a report of the census bureau, April 7, 1913.) The report on this industry distinguishes three classes of mills: (1) Merchant mills whose chief products are intended for human consumption; (2) merchant mills whose chief products are those commonly used as feed for live stock, and (3) mills engaged exclusively in custom grinding. Mills reporting the purchase of any part of the grain which they grind are classified as merchant mills, even though a large part of their business may consist in custom grinding. Custom mills, on the other hand, are those engaged exclusively in custom grinding, whether for toll or for a stipulated charge, including those where grain already ground is sometimes given in exchange for the grain to be ground. Practically all of the custom mills are very small, and so also are a considerable number of the merchant mills.

Of the 23,652 mills canvassed for 1909, more than half (11,961) were custom mills, but of the total value of products—$938,699,958—only $55,115,553, or 5.9 per cent., was contributed by this class of mills. More than three-fourths of the merchant mills were engaged chiefly in the manufacture of wheat flour and other products intended for human consumption, and the value of the products of these mills was $832,790,364, or 88.7 per cent. of the total for all mills combined.

In 1909, of the number of merchant mills reported for the flour-mill and grist-mill industry, 19.4 per cent. were under corporate ownership, as compared with 17.2 per cent. in 1904. While corporations thus controlled represented less than one-fifth of the number of establishments, the value of the products of these establishments represented 66.6 per cent. of the value of products for all merchant mills engaged in the industry.

In 1909, of the number of wage-earners reported for merchant mills, 9,053, or 22.9 per cent., were employed in establishments under individual ownership; 7,488, or 19 per cent., in those under firm ownership; and 22,912, or 58.1 per cent., in those owned by corporations.

Minnesota, the most important flour-producing state, showed a decrease of 68 in the number of wheat-flour mills, and a decrease was shown for each of the five classes of mills except those producing less than 1,000 barrels. Decreases in the number of mills which produced wheat flour took place also in New York, Ohio and Missouri, which ranked third, fifth and sixth, respectively, in the production of such flour in 1909, but the number increased slightly in Kansas and Illinois, which ranked second and fourth, respectively.

The flour-mill and grist-mill industry is one in which the cost of materials constitutes a very large proportion of the value of products, the process of manufacture itself being relatively simple and inexpensive. The cost of the materials used by all mills in 1909 was $813,891,347, which was equal to about seven-eighths (86.7 per cent.) of the value of products, while the value added by manufacture (that is, the value of products less the cost of materials) was only $124,808,611.

The flour-mills and grist-mills of all classes combined gave employment in 1909 to an average of 88,849 persons, of whom 46,467 were wage-earners, and paid out $35,167,693 in salaries and wages. The quantity of grain ground was 872,950,743 bushels, the greater part being wheat and corn.

Minnesota is by far the most important state in the flour-mill and grist-mill industry, ranking first at the censuses of both 1909 and 1904 in the average number of wage-earners employed in merchant mills, in value of products, and in value added by manufacture. During 1909, 104,042,999 bushels of wheat and 12,340,167 bushels of other grains were used in the merchant mills of that state, and 22,737,404 barrels of wheat flour were produced or more than one-fifth of the total for the United States. The number of wage-earners employed in the merchant mills of that state increased 7.7 per cent. during the decade ending with 1909, and the value of products 67.7 per cent.

In New York, which ranked second among the states, the merchant mills used 30,073,407 bushels of wheat and 40,271,986 bushels of other grain in 1909. More corn, buckwheat and oats were ground in New York than in any other state. Larger percentages of increase from 1899 to 1909 are shown for New York than for Minnesota.

Kansas ranked third in value of products and in value added by manufacture in 1909. Of the nine states that led in respect to value of products, Kansas shows the most rapid development in the milling industry during the period from 1899 to 1909, the number of wage-earners increasing 68 per cent. and the value of products 221.1 per cent. Still higher percentages of increase, however, are shown for some of the states in which the industry has attained importance only during recent years, such as Oklahoma, Idaho, Louisiana, Wyoming and Nevada.

There was considerable variation in the relative importance of the establishments operated by individuals, firms and corpora-

	Flour-Mills and Grist-Mills, Merchant and Custom			
	Merchant Mills		Custom Mills	Total
	Manufacturing Chiefly for Human Consumption	Manufacturing Chiefly Feed for Live Stock		
Number of establishments	9,162	2,529	11,961	23,652
Persons engaged in the industry	59,188	6,866	22,795	88,849
Proprietors and firm members	11,365	3,205	15,634	30,204
Salaried employees	11,378	653	147	12,178
Wage-earners (average number)	36,445	3,008	7,014	46,467
Primary horsepower	853,584	(1)	272,763	1,126,347
Capital	$326,654,430	$22,497,349	$21,258,510	$370,410,289
Expenses	$781,274,162	$46,248,187	$48,110,565	$875,632,914
Services	$32,062,511	$1,918,642	$1,186,540	$35,167,693
Salaries	$12,021,161	$495,606	$47,828	$12,564,595
Wages	$20,041,350	$1,423,036	$1,138,712	$22,603,098
Materials	$724,294,494	$43,281,985	$46,314,868	$813,891,347
Miscellaneous	$24,917,157	$1,047,560	$609,157	$26,573,874
Value of products	$832,790,364	$50,794,041	$55,115,553	$938,699,958
Value added by manufacture (value of products less cost of materials)	$108,495,870	$7,512,056	$8,800,685	$124,808,611
Grain ground, bushels	736,013,881	70,234,080	66,702,782	872,950,743

(1) Included in total for merchant mills.

tions, respectively, in the different states. Thus in Minnesota, the principal flour-producing state, establishments controlled by corporations constituted 38.2 per cent. of the number of establishments, gave employment to 85.3 per cent. of the wage-earners, and reported 87.2 per cent. of the total value of products. In Pennsylvania, on the other hand, corporations controlled only 4 per cent. of the establishments, and these establishments gave employment to only 20.2 per cent. of the wage-earners, and contributed only 27.4 per cent. of the value of products.

Of the 11,691 merchant mills reported for 1909, 138, or 1.2 per cent., manufactured products valued at $1,000,000 or over.

On the other hand, the small establishments—that is, those manufacturing products valued at less than $20,000—constituted more than one-half (51.2 per cent.) of the number of merchant mills. The great bulk of the output of the merchant mills was turned out by establishments having products valued at $100,000 or over, such establishments reporting 72.6 per cent. of the value of products.

The quantity of grain during 1909, 872,950,743 bushels, represented an increase of 37,807,118 bushels, or 4.5 per cent., over the amount reported for 1899. The merchant mills devoted primarily to the manufacture of products intended for human consumption used 84.3 per cent. of the quantity reported for 1909; those producing mainly feed for live stock 8 per cent., and the mills engaged exclusively in custom grinding 7.6 per cent.

The value of breakfast foods manufactured in 1909 and included with "food preparations" approximated $37,000,000.

Of the total quantity ground in merchant mills, wheat constituted 61.6 per cent., corn formed 26 per cent. and oats formed 6.2 per cent.

The quantity of wheat flour reported for 1909, 107,108,461 barrels, represents an increase of 3,584,367 barrels, or 3.5 per cent., over 1899. On the basis of the quantity of wheat and wheat flour reported, an average of 4.7 bushels of wheat was used to produce a barrel of flour.

Food (see also Food Administration; Food Control; Food and Drugs Act):
Adulterated, regulation of, discussed, 7012.
Conservation of, asked, 8379, 8431.
Contraband status of, denied, 8057.
Germany's position on importation of, 8058.
Government control of, discussed, 7038.
Interstate Commerce regulations and, discussed, 8815.
Price-marking of, urged, 8816.
War-value of, discussed, 8250.

Food Administration.—When the United States entered the World War on April 6, 1917, her allies were suffering from a food shortage which was sadly weakening their military efforts. With the continuation of the unrestricted submarine warfare of Germany, that food shortage became more serious, until in 1918 the Entente Allies were brought very close to suing for peace. In order to furnish the maximum help to our allies in the matter of food, our program of food conservation, increased food production, food distribution and stabilization of food supplies and food prices was placed under a Food Administration, headed by Herbert C. Hoover, who had won international fame as the director of the Belgian Food Relief (q. v.).

Mr. Hoover was entrusted with the organization of the Food Administration on May 17, 1917, although it was not until August 10, 1917 that Congress enacted a law authorizing the activities of the Food and Fuel Administrations. (See Food Control Law.) The Food Administration was thus a temporary branch of the Government, deriving its powers directly from the President through the latter's executive orders. The organization avoided extreme centralization, each problem being met by the organization as a unit. There was a federal food administrator in each state and territory and in each county, with an educational director, a home economics director, a State merchant representative, a library director, etc. on his staff. When the armistice was signed on November 11, 1918, there were some 3,200 of these district and county food administrators, all serving as volunteers.

The most valuable work of the Food Administration was performed in the year 1918. Its report for that year divides its

activities into seven groups—I, Educational; II, Conservation of Existing Foodstuffs; III, Reduction of Cost of Distribution from Producer to Consumer; IV, Equitable Distribution of Scarce Goods and Adequate Distribution of All Goods; V, Stimulation of Food Production; VI, Efficient Purchase of Foodstuffs for Export and for United States; VII, Miscellaneous.

Under I, there were extensive campaigns of advertising in the press, on the billboards, from the libraries, in the schools, churches, etc. In each state there was an educational director, with a library director and a merchant representative attending to the educational work in the libraries and the retail stores, respectively. In 1918, more than 3,000,000 pamphlets and 750,000 posters were distributed by the libraries alone. It was estimated that the money value of the advertising which was furnished without cost to the Food Administration's educational campaign was $18,000,000.

Under II, efforts were confined chiefly to saving wheat, meat, fats and sugar and to the elimination of waste in the handling of all foods. On January 1, 1918, figures showed that under normal conditions the United States would consume all its wheat produced between January 1 and July 1 of that year, whereas exports of at least 75,000,000 bushels during that period were vital to the life of our allies. (This was in addition to about 55,000,000 bushels shipped to Europe in the latter half of 1917.) Accordingly, a rigid but voluntary program for the conservation of wheat was introduced by the Food Administration. Certain localities divided their wheat with the Food Administration. Others abstained from wheat until the 1918 harvest. Conservation by hotels and eating-places resulted in saving 2,400,000 bushels, 4,500 hotels and restaurants on March 28 pledging to abstain from the use of wheat. Dining-cars of railroads and clubs followed suit, with the result that about 50,000,000 pounds of flour were saved in eating places from October 1, 1917 to August 1, 1918.

In January, 1918, flour mills were required to raise their percentage of extraction to 74% and to stop the sale of patent flours. In the first eleven months of 1918, flour mills thus saved about 13,500,000 bushels. In February, bakers were required to use 5% substitute flour in all bread and this amount was raised to 20% at the end of the month and in the summer of 1918 to 25%, being reduced to 20% in September and altogether eliminated on November 15. The savings were estimated at 16,830,000 bushels.

Bakers of crackers, cake, macaroni, etc., were limited to a consumption of wheat flour equal to 70% of their 1917 consumption for the same purpose. In six months, the saving was about 3,000,000 bushels.

About one-half of the flour used in the United States is used in home baking. Accordingly, in February, 1918, all dealers selling wheat flour were required to sell an equal amount of wheat flour substitutes. On April 14, hotels were forbidden to serve more than two ounces of "Victory Bread" to one person at a meal. There was organized also a Grain Thrashing Division to eliminate waste in thrashing.

As a result of these and similar measures, 85,000,000 bushels of wheat were shipped abroad between January 1, 1918 and the advent of the new crop. When the crop year ended, some 136,000,000 bushels of wheat had been shipped to Europe, including some 28,000,000 bushels imported from Argentine and Australia.

With respect to sugar, there was a serious shortage at the end of 1917. Manufacturers of soft drinks, etc., were required to reduce their consumption during the first six months of 1918 to 80% of the consumption during the first six months of 1917, although this requirement proved difficult to enforce. By May, 1918, the shortage of shipping caused greater scarcity of sugar, with the result that sales of sugar to manufacturers of less essential articles were allowed only through certificates so issued as to limit the consumption to 80% of the amount used in the similar period of 1917. By July 1, this system was extended so as to cover all consumers of sugar except households, with the result of saving between 400,000 and 600,000 tons of sugar during the calendar year.

Similar regulations pertained to saving fats and oils. There were also campaigns for utilizing the surplus potato crop of 1917; for minimizing the sale of laying hens (resulting in 10% more eggs in storage on June 1, 1918 than on June 1, 1917); for expediting the shipments of perishable foodstuffs so as to minimize spoilage; to improve crating and carting facilities; to extend the candling of eggs before shipment; and many similar saving processes.

For eating places, strict conservation measures, especially with reference to wheat, sugar, fats, oil and meat were enforced. Many cities were induced to utilize their garbage, which previously had not been utilized, to feed hogs and to extract fertilizer and grease. However, the chief conservation of food undoubtedly came from the homes, no less than 13,500,000 pledges being obtained in a house-to-house campaign for co-operation with the Food Administration.

Under III, more than 260,000 individuals, firms and corporations were operating on December 31, 1918, under licenses issued by the Food Administration. (See Section 5, Food Control Law.) The basic principle of control was a reasonable profit, with some attention to the elimination of functions which increased cost and to the prevention of hoarding. Wheat millers, for instance, were limited to a net profit of 25 cents on each barrel of flour and 50 cents on each ton of feed. In May, 1917, the Minneapolis mill door price of flour was 250% of the farmer's average wheat receipts; through most of 1918 it was about 110%. Other dealers thus regulated were millers of corn and other cereals, bakers, cotton seed producers, rice producers, meat packers, sugar dealers, food wholesalers and jobbers, retail grocers with annual sales above $100,000, canners, shippers and producers of fruit and other perishable commodities, cold storage and general storage warehousemen, bean dealers, coffee dealers, milk dealers, etc. Wherever possible, fair prices and reasonable profits were fixed, and there were prosecutions where they were exceeded.

Under IV, rules were promulgated to prevent the congestion of the available supply of wheat, wheat flour and wheat mill feeds in certain localities and their undue scarcity in other localities. Beet sugar was distributed to jobbers on a pro rata basis, a system later abandoned for distribution according to certificates issued by the Sugar Equalization Board. A Transportation Di-

vision attended to the transportation of food, relieving food and feed shortages, relieving car shortage, hurrying salt to the South to end the delay in killing hogs, shipping tin plate to Alaska to make possible the packing of a large salmon output in cans, etc. There was also control over the importation of foods, the quality and quantity of such food imports and their distribution.

Under V, a guaranteed price for wheat increased the winter wheat acreage from 40,534,000 in 1917 to 42,170,000 in 1918, and the spring wheat acreage from 19,039,000 to 22,489,000. It was estimated that the winter wheat crop of 1918 was 16½% more than that of 1917. The supply of fish was increased and hog production was stimulated, thus increasing the supply of meats and fats. More than 41,000,000 hogs were slaughtered in 1918, as compared with 34,000,000 in 1917 and 43,000,000 in 1916. The pork exports to Europe increased from 1,172,000,000 pounds in 1916 and 1,116,000,000 pounds in 1917 to 2,078,000,000 pounds in 1918. In addition, there were 806,000,000 pounds of hog products in storage on January 1, 1919, as compared with 591,000,000 pounds one year previously. The Administration functioned actively in stabilizing the price for hogs at a profitable figure so as to induce increased production. Beef exported to Europe in 1918 totalled 711,000,000 pounds, as compared with 312,000,000 pounds in 1917.

Under VI, a joint commission with our allies in the war co-ordinated purchases. There was also a co-ordination board for food purchases by the several agencies of the Government of the United States, such as the War and the Navy Departments, and by private organizations such as the Y. M. C. A. The Food Administration Grain Corporation carried out the Government guarantee of the wheat price, which in 1918 ranged from $2.39½ at New York through $2.22½ at Duluth to $2.18 at Kansas City.

Under VII might be mentioned attention paid to the supply of ammonia (used so largely in ammunition), sisal and binder twine, jute bags, arsenic and tin plate. There was also attention to co-operation with Canada and Mexico for the better conservation and the increased production of food.

For official papers bearing upon the Food Administration, consult the references below and also the index under Wilson, Woodrow.

Food Administration:
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Food Adulteration, discussed, 5384.

Food and Drugs Act.—The Pure Food act, approved June 30, 1906, for preventing the manufacture, sale or transportation of adulterated or misbranded or poisonous or deleterious foods, drugs, medicines and liquors, and for regulating traffic therein, and for other purposes took effect Jan. 1, 1907.

The first section of the act makes it unlawful for any person to manufacture within the District of Columbia or any Territory, any article of food or drug which is adulterated or misbranded, under a penalty not to exceed $500, or one year's imprisonment, or both, at the discretion of the court for the first offence, and not to exceed $1,000 and one year's imprisonment, or both, for each subsequent offence.

The second section of the act makes it applicable to food or drugs introduced into any state from any other state, and from or to any foreign country.

The examinations of specimens of food and drugs are to be made in the Bureau of Chemistry of the Department of Agriculture, or under the direction and supervision of such bureau, for the purpose of determining from such examinations whether such articles are adulterated or misbranded within the meaning of this act; and if it shall appear from any such examination that any of such specimens is adulterated or misbranded within the meaning of this act, the Secretary of Agriculture shall cause notice thereof to be given to the party from whom such sample was obtained. After judgment of the court, notice shall be given by publication in such manner as may be prescribed by the rules and regulations aforesaid.

The term "drug," as used in this act, includes all medicines and preparations, recognized in the United States Pharmacopoeia or National Formulary for internal or external use, and any substance or mixthe cure, mitigation or prevention of disease of either man or other animals. The term "food," as used herein, shall include all articles used for food, drink, confectionery or condiment by man or other animals, whether simple, mixed or compound.

For the purposes of this act an article shall be deemed to be adulterated:—

In case of drugs—If, when a drug is sold under or by a name recognized in the United States Pharmacopoeia or National Formulary, it differs from the standard of strength, quality or purity, as determined by the test laid down in the United States Pharmacopoeia or National Formulary official at the time of investigation: Provided, That no drug defined in the United States Pharmacopoeia or National Formulary shall be deemed to be adulterated under this provision if the standard of strength, quality or purity be plainly stated upon the bottle, box, or other container thereof, although the standard may differ from that determined by the test laid down in the United States Pharmacopoeia or National Formulary, and if this strength or purity fall below the professed standard or quality under which it is sold.

In the case of confectionery—If it contain terra alba, barytes, talc, chrome yellow, or other mineral substance or poisonous color or flavor, or other ingredient deleterious or detrimental to health, or any vinous, malt, or spirituous liquor or compound or narcotic drug.

In the case of food—If any substance has been mixed and packed with it so as to reduce, or lower, or injuriously affect its quality or strength. If any substance has been substituted wholly or in part for the article. If any valuable constituent of the article has been wholly or in part extracted. If it be mixed, colored, powdered, coated or stained in a manner whereby damage or inferiority is concealed. If it contain any added poisonous or other added deleterious ingredient which may render such article injurious to health: Provided, That when in the preparation of food products for shipment they are preserved by any external application applied in such manner that the preservative is necessarily removed mechanically, or by maceration in water, or otherwise, and directions for the removal of said preservatives shall be printed on the covering of the package, the provisions of this act shall be construed as applying only when said products are ready for consumption.

If it consist in whole or in part of a filthy, decomposed, or putrid animal or vegetable substance, or any portion of an animal unfit for food, whether manufactured or not, or if it is the product of a diseased animal, or one that has died otherwise than by slaughter.

The term "misbranded," used herein, shall apply to all drugs, or articles, or food, or articles which enter into the composition of food, the package or label of which shall bear any statement, design or device regarding such article, or the ingredients or substances contained therein which shall be false or misleading in any particular, and to any food or drug product which is falsely branded as to the state, territory or country in which it is manufactured or produced.

For the purposes of this act, an article shall also be deemed to be misbranded:—

In case of drugs—If it be an imitation of or offered for sale under the name of another article, or if the contents of the package as originally put up shall have been removed, in whole or in part, and other contents shall have been placed in such package, or if the package fail to bear a statement on the label of the quantity or proportion of any alcohol, morphine, opium, cocaine, heroin, alpha or beta eucaine, chloroform, cannabis indica, chloral hydrate or acetanilide, or any derivative or preparation of any such substances contained therein.

In case of food—If it be an imitation of or offered for sale under the distinctive name of another article.

If it be labelled or branded so as to deceive or mislead the purchaser, or purport to be a foreign product when not so, or if the contents of the package as originally put up shall have been removed in whole or in part and other contents shall have been placed in such package, or if it fail to bear a statement on the label of the quantity or proportion of any morphine, opium, cocaine, heroin, alpha or beta eucaine, chloroform, cannabis indica, chloral hydrate, or acetanilide, or any derivative or preparation of any such substance contained therein.

If in package form, and the contents are stated in terms of weight or measure, they are not plainly or correctly stated on the outside of the package.

If the package containing it or its label shall bear any statement, design or device regarding the ingredients or the substances contained therein, which statement, design or device shall be false or misleading, in any particular: Provided, That an article of food which does not contain any added poisonous or deleterious ingredients shall not be deemed to be adulterated or misbranded in the following cases:

In the case of mixtures or compounds which may be now or from time to time hereafter known as articles of food, under their own distinctive names, and not an imitation of or offered for sale under their own distinctive names, and not an imitation of or offered for sale under the distinctive name of another article, if the name be accompanied on the same label or brand with a statement of the place where said article has been manufactured or produced.

In the case of articles labelled, branded or tagged so as to plainly indicate that they are compounds, imitations or blends, and the word of "compound," "imitation" or "blend," as the case may be, is plainly stated on the package in which it is offered for sale: Provided, That the term blend as used herein shall be construed to mean a mixture of like substances not excluding harmless coloring or flavoring ingredients used for the purpose of coloring and flavoring only: And provided further, That nothing in this act shall be construed as requiring or compelling proprietors or manufacturers of proprietary foods which contain unwholesome added ingredients to disclose their trade formulas, except in so far as the provisions of this act may require to secure freedom from adulteration or misbranding.

No dealer shall be prosecuted under the provisions of this act, when he can establish a guaranty signed by the wholesaler, jobber, manufacturer or other party residing in the United States, from whom he purchases such articles, to the effect that the name is not adulterated or misbranded within the meaning of this act, designating it.

The remaining provisions of the act provide the methods of prosecuting offenders and destroying goods imported or offered for import which are adulterated or falsely labelled.

The act of March 4, 1907, provides for the inspection of animals before they enter the slaughter-houses in order to prevent the shipment of diseased animals to the slaughter-houses; for the inspection and stamping of all carcasses of animals in slaughtering-houses, with destruction of those condemned as unfit for consumption.

for the inspection of the slaughtering and meat-packing establishments themselves; and for prohibition of the interstate transportation of meats, etc., which have not been inspected and of products of firms which do not comply with this law. Farmers and butchers, etc, are exempted from the provisions of the act, but may be punished for using in interstate commerce any meat known to be bad.

In 1912, renovated butter factories were placed under the scope of the act.

The act of July 24, 1919, makes the act applicable to horsemeat.

Food and Drugs Act:

Benefits of, discussed by President—
Roosevelt, 7225.
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Government supervision as represented by, 7080.

Legislation for control of food should follow, 8771.

Food and Drugs Inspection, Board of.—A Federal board under the jurisdiction of the Department of Agriculture which considers, in conjunction with state officials, all questions relating to the enforcement of the food and drugs act.

It had long been recognized that inconsistencies between the Federal food and drugs act and the food, drug, and dairy laws of the different states, as well as lack of uniformity in state legislation, have greatly hindered the prevention of fraud, adulteration and misbranding of food and drugs, and have made it difficult to induce manufacturers to improve their products.

To avoid the waste occasioned by duplication of the work of Federal and state officials the Secretary of Agriculture called a conference of state food and drug officials to meet in Washington Nov. 13 and 14, 1913, to determine ways and means of bringing about better coordination of functions and closer cooperation.

Agreements were reached at this conference to establish in the Department of Agriculture a board to prevent duplication of research and investigation and to make food and drug control more effective. The country was divided into several general inspection districts, each in charge of a competent official, and all laboratories and inspectors working in that territory put under the same immediate direction.

The amendment to the act of August 23, 1912, provides specifically that drugs are misbranded if their labels contain false and fraudulent statements concerning their curative and therapeutic effects.

In 1913, the Bureau of Chemistry (q. v.), in order better to enforce the Food and Drugs Act, was divided into three districts, with headquarters at Washington, Chicago and San Francisco. In 1916, there were 46 inspectors engaged in enforcing the act.

In the three years from 1913 to 1916, some 22,000 samples of food and drugs were collected and analysed. More than 9,000 hearings were granted to manufacturers and shippers and 2,250 cases were sent to the Department of Justice for prosecution. Of the 3,000 cases decided in this period, practically all were in favor of the government. About 50,000 importations were examined, with the result that some 3,000 were refused entry and some 15,000 had to be relabeled.

In the year 1917, 358 recommendations for seizure were made and 424 cases were referred for criminal prosecution. 847 cases terminated in the courts, of which number 751 were decided in favor of the government. 4,483 official samples and some 4,000 additional informal samples were collected.

Food Control, statement concerning, 8262.

Food Control Law.—The main provisions of the Food Control Law, approved by the President on August 10, 1917, are as follows:

Section 3 provides that no person acting as an agent of the United States shall induce or attempt to induce any person to make a contract of any kind or to furnish goods of any kind to the United States if such agent has any pecuniary interest in such contract or furnishing or is connected with any person or association thus pecuniarily interested. Any such agent must, moreover, if such contract be consummated without his influence, make a statement of the extent to which he is materially interested in such contract; nor shall he participate in the awarding of such contract.

Section 4 forbids any person to destroy any necessaries for the purpose of enhancing their price or restricting the supply; knowingly to commit waste or to permit preventable deterioration; to hoard any necessities, as defined in section 6; to monopolize or to attempt to monopolize any necessities; to engage in any discriminatory, unfair, deceptive or wasteful practice or to make any unreasonable charge in connection with the handling of necessities; to conspire or combine to limit the facilities for handling necessaries, to restrict their supply or distribution, to limit their manufacture or production, or to exact excessive prices for any necessaries. The act of October 22, 1919, adds a penalty of $5,000 fine or two years' imprisonment for violation of this section.

Section 5 provides that no person shall engage in the importation, manufacture, mining, storage or distribution of any necessaries without procuring a license therefor, after the President has made public announcement that such license must be procured. The President is authorized to prescribe regulations and details concerning this licensing system. The President is further authorized to stop any unfair practice by any licensee, and to find what is a just and fair storage charge, commission, profit and practice. Punishment by a fine of not more than $5,000, or imprisonment for not more than two years, or both is provided for those violating the provisions of this section. It is expressly stated, however, that this section does not apply to farmers nor to retailers doing a business of less than $100,000 annually nor to common carriers.

Section 6 provides punishment by fine of not more than $5,000 or imprisonment for not more than two years, or both for wilful hoarding, which is defined as holding or contracting for any necessaries beyond reasonable requirements for a reasonable time, whether for private consumption or for seasonable business needs or withheld from the market for the purpose of increasing prices. The activities of any exchange, however, as defined in section 13 and of farmers, etc., are not to be defined as hoarding.

Section 7 provides for the seizure and sale of such commodities found to have been hoarded.

Sections 8 and 9 provide for the punishment of persons found guilty of limiting

output, destroying necessaries, etc. These sections were repealed by the act of October 22, 1919.

Section 10 permits the President to requisition foods, feeds, fuels and other supplies necessary for the common defense, to provide storage facilities for the same and to pay just compensation therefor. If such compensation be not satisfactory in amount to the person to be compensated, he shall be paid 75% of it and may bring suit against the United States to recover the remainder of what he shall conceive to be due him. Requisition may not be taken, however, of any foods or seeds necessary for the consumption or use of any individual and his dependents.

Section 11 authorizes the President to buy and to sell at reasonable prices, for cash, wheat, flour, meal, beans and potatoes, such prices not to be lower than the minimum prices theretofore fixed for them, according to section 14.

Section 12 authorizes the President to take over, for Government use or operation, whenever he finds it necessary for the common defence, any factory, packing house, mine, oil pipe line, or other plants, or any parts thereof. The compensation provided for such action follows the procedure described in section 10.

Section 13 authorizes the President to prescribe regulations for the activities of any exchange, board of trade, etc., in order to prevent undue fluctuation of prices, speculation, etc. It also authorizes him to require the keeping of records, accounts, and the making of statements to disclose all the facts relating to transactions, not only of the above organizations, but also of clearing houses and similar organizations.

Section 14 authorizes the President, in case of necessity, to fix and announce a reasonable guaranteed price for wheat, according to the different grades, to assure producers of it a reasonable profit. The Government thereupon guarantees that each producer obeying the Government regulations will receive not less than the guaranteed price within eighteen months of the period prescribed in such notice. The guaranteed prices for the crop of 1918 shall be based upon No. 1 northern spring or its equivalent at not less than $2.00 a bushel, to be binding until May 1, 1919. Wheat imported into the United States shall be taxed, if necessary, sufficiently to prevent its lowering of the domestic price below the standard fixed. The President is authorized also to purchase and sell wheat whenever necessary to make the provisions of this section effective.

Section 15 forbids the utilization, after thirty days of the approval of the act, of any foods or food materials in the production of distilled spirits for beverage purposes, except that, within the discretion of the President, such materials may be used for the production of distilled spirits exclusively for other than beverage purposes, or for the fortification of sweet wines as defined in the revenue act approved Sept 8, 1916. Nor shall any distilled spirits be imported into the United States. Whenever the President finds it necessary, he may also limit or prohibit the use of food or of food materials in the production of malt or vinous liquors for beverage purposes or to limit the alcoholic content of such. Nothing in this section permits the licensing of the manufacture of any liquors where the manufacture of such is already prohibited by law. Section 16 authorizes the President to commandeer any distilled spirits, when necessary, for redistillation, the compensation for such action to be determined as above.

Section 20 provides that no person employed under this act shall thereby be excused from the operations of the draft law. Section 23 defines the word person as used in the act to include businesses, partnerships, etc. Section 24 provides that the provisions of the act are effective only during the existing war with Germany.

Section 25 authorizes the President, in case of necessity, to fix the price of coal and coke, wherever and whenever sold, and to regulate their production, transportation, distribution, etc. It also authorizes him, in case this plan be preferred in his discretion, to have all coal and coke sold to the United States, through an agency to be designated by the President, and thence to redistribute and sell them.

Section 27 authorizes the President to procure such stocks of nitrate of soda and to sell them at cost, for increasing agricultural production, as may be necessary.

The act of March 4, 1919, gives the President authority to buy wheat and flour at the guaranteed prices and to take other steps, including regulation of methods of marketing, necessary to protect the people and the Government in the latter's guarantee of prices. A system of control through licenses was provided.

The act of October 22, 1919, brings wearing apparel and food containers under the scope of the act. It exempts farmers, stockraisers, etc., from the provisions of the act with respect to products raised upon their own land.

The terms of the Act define necessaries as foods, fuels, feeds, fuel oil and natural gas, fertilizer and fertilizer ingredients, and tools, utensils, implements, machinery, and equipment required for the actual production of foods, feeds, and fuel.

Food Control Law, extension of, asked, 8770, 8815.

Food Relief in Europe (see also Food):
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Foodstuffs:
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Germany's position on importation of, 8058.
Interference with shipments of, 8057.

Force Bill.—Several bills introduced into Congress have been given this name. When the South Carolina nullifiers attempted to prevent the execution of the tariff act of 1828, it became necessary to enact special laws for carrying out its provisions to enforce collections under it. March 2, 1833, the "Force bill" or "Bloody bill" was enacted for this purpose. The trouble was adjusted later by a compromise. A bill to enforce the fourteenth and fifteenth amendments, which passed Congress May 31, 1870, was also known as the "Force bill," as was an act passed the following year on the same subject. (See Ku-Klux-Klan.) The name was applied later by many persons to the election bill which was introduced in the House by Mr. Lodge, of Massachusetts, during the Fifty-first Congress, "to amend and supplement the election laws of the United States and to provide for their more efficient enforcement." This bill was passed by the House, but was defeated in the Senate.

Force Bill. (See Federal Election Law.)

Forefathers' Day.—The anniversary of the landing of the Pilgrim Fathers at Plymouth, Mass., Dec. 21, 1620. They touched shore on Monday, Dec. 11th, old-style calendar. In December, 1769, the Old Colony Club was formed by seven citizens of Plymouth to celebrate the "landing of our worthy ancestors in this place." In order to accommodate the date to the new-style or Gregorian calendar, the Old Colony Club, thinking that Dec. 22d new style corresponded to Dec. 11th old style, established the anniversary on Dec. 22d instead of Dec. 21st. New England societies have been established in many states of the Union and the celebration of Forefathers' Day is becoming more general. The celebrations are held in December, the date of the preliminary landing, rather than in the January following, when the landing for settlement took place.

Foreign Affairs (see also Foreign Policy):
- Expense incurred in, without legal provisions therefor, 108.
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Foreign Affairs, Secretary of.—Jan. 10, 1781, the Continental Congress created the office of Secretary of Foreign Affairs at the solicitation of representatives in other countries. Robert R. Livingston, of New York, was the first incumbent of the office. His duties also comprehended the adjustment of affairs between states. The scope of the office was much enlarged by reorganization in 1782. John Jay occupied the position between 1784 and 1789. July 27, 1789, the two Departments of Home (q. v.) and Foreign Affairs were combined in the Department of State. (See also State, Department of.)

Foreign Ambassadors and Ministers to the United States. (See Ambassadors.)

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Foreign Commissions, Visits of. (See Visits of Foreign Commissions.)

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- Funds on deposit with Baring Brothers & Co., 3828.
- Provision for, recommended, 58, 190.
- Requests of House and Senate for information regarding, refused, 186, 2281, 2416, 2452, 2690, 2691, 2695, 6101.
  - Referred to, 2529.

Foreign Loans.—Several years after the close of the World War, the status of the loans made by the United States as a result of the World War was as below.

Interest had been paid as follows:—Belgium, $13,014,918; Cuba, $1,282,370; Czecho-Slovakia, $304,178; France, $139,570,376; Great Britain, $245,557,186; Greece, $784,153; Italy, $57,598,853; Latvia, $126,266; Liberia, $861; Poland, $1,290,621; Roumania, $263,314; Russia, $4,-

842,534; Servia, $636,059. Total interest paid, $465,271,689.

Country	Obligation	Unpaid Interest
Armenia	$ 11,959,917	$ 1,009,869
Austria	24,055,709	721,671
Belgium	375,280,147	34,007,410
Cuba	9,025,500	.....
Czecho-Slovakia	91,179,529	8,125,164
Esthonia	13,999,146	1,389,668
Finland	8,281,926	598,340
France	3,350,762,938	284,148,864
Great Britain	4,166,318,358	407,303,284
Greece	15,000,000	.....
Hungary	1,685,836	50,575
Italy	1,648,034,051	161,078,881
Latvia	5,132,287	386,963
Liberia	26,000	1,569
Lithuania	4,981,628	498,163
Poland	135,661,661	9,837,443
Roumania	36,128,495	3,477,534
Russia	192,601,297	26,120,560
Servia	51,153,160	4,778,798
Total	$10,141,267,586	$943,534,756

Foreign Loans, adjustment of, urged, 8980, 8982.

Foreign Mail Service, Department of. —This department of the postal service is under the direction of the second assistant postmaster-general (q. v.). Its total cost in 1916 was $3,287,000.73; and the estimated appropriations for 1917 were $3,800,800. In 1916, the mail transported in the foreign mail service weighed 26,241,304 pounds. The contract service for foreign mails applies to five routes, and its cost in 1916 was $1,090,918. Foreign mails carried over the other routes are carried on a weight basis of payment. There are reciprocal domestic rates on letters between the United States and Canada, Cuba, Mexico, Panama, the Bahamas; Barbadoes Islands; British Guiana; British Honduras, the Dutch West Indies; the Leeward Islands; Newfoundland and New Zealand. Further application of the reciprocal mail service to apply to all countries of the Western Hemisphere was prevented by the European War. The United States has parcel post conventions with 53 countries and colonies. (See Post-Office Department; Postal Service; Postal Conventions; Mail Matter.)

Foreign Mail Service, unsatisfactory condition of, 7109.

To South American countries, subsidy recommended, 7109.

Foreign Mails, transmission of, through United States referred to, 2175. (See also Postal Service.)

Foreign Markets, combinations, competitions, and long credits in, 8040. (See also Business.)

Foreign Ministers. (See Ministers.)

Foreign Ministers, Council of, discussion in, on disposition of Yap, 8950 *et seq.*

Foreign Money, Value of. —The following table gives the value of the most common units of foreign monetary systems in terms of the United States coinage:

Country	Coin	Normal Value
Argentina	Peso	$0.9648
Belgium	Franc	.1930
Bolivia	Boliviano	.3893
Brazil	Milreis	.5462
Canada	Dollar	1.00
Chile	Peso	.3650
China	Tael	1.1250
Colombia	Dollar	.9733
Costa Rica	Colon	.4653
Cuba	Peso	1.00
Denmark	Crown	.2680
Ecuador	Sucre	.4867
Egypt	Pound	4.8665
	Piaster	.0494
Finland	Mark	.1930
France	Franc	.1930
	Centime	.0019
Germany	Mark	.2382
Great Britain	Pound	4.8665
	Shilling	.2434
Greece	Drachma	.1930
Guatemala	Peso	.7105
Haiti	Gourde	.2500
Honduras	Peso	.7105
India	Rupee	.3244
Italy	Lira	.1930
Japan	Yen	.4985
Mexico	Peso	.4985
Netherlands	Florin	.4020
Nicaragua	Cordoba	1.00
Norway	Crown	.2680
Panama	Balboa	1.00
Paraguay	Peso	.7105
Peru	Libra	4.8665
Philippines	Peso	.5000
Portugal	Escudo	1.0805
Roumania	Leu	.1930
Russia	Rouble	.5146
Salvador	Peso	.7105
Santo Domingo	Dollar	1.00
Servia	Dinar	.1930
Spain	Peseta	.1930
Sweden	Crown	.2680
Switzerland	Franc	.1930
Turkey	Piaster	.0440
Uruguay	Peso	1.0342
Venezuela	Bolivar	.1930

Foreign Paupers:

Introduction of, into United States, 1686, 2368.

Legislation respecting, recommended, 4757.

Request of President to withdraw articles regarding, from consideration of House, 1692.

Involuntary deportation of convicts, idiots, insane persons, and, to United States referred to, 4219, 4588.

Foreign Picture Service, division of, under Public Information Committee created, 8426.

Foreign Policy of United States (see Annexation for policy as applicable to various countries):

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Forest Reserves.—The first step of importance taken by the United States toward developing a national forest policy occurred in 1891, when Congress partially repealed the old timber culture act. (See Timber Culture Act; Lands, Public; and Lands, Timber.) At the same time, the President was authorized to reserve timber lands still part of the public domain. In 1897, Congress gave the Secretary of the Interior authority to manage the forest reserves of the nation, and they were placed under the general supervision of the General Land Office.

On July 1, 1905, all the work pertaining to the forest reserves was consolidated in the Bureau of Forestry of the Department of Agriculture. This bureau, which had been organized in 1881 as a division in the Department of Agriculture, then became known as the Forest Service. Its work is concerned not only with the preservation and increase of the timber, but also with water-power, grazing and other rights. The change of name from "Forest Reserves" to "National Forests" was made in 1906.

See Forests, National, *below;* Forest Service; and Lumber.

Forest Reserves. (See also Lands, Public, set apart.)
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Forest Service.—One of the bureaus of the Department of Agriculture. It has charge of the administration and protection of the national forests and also promotes the practice of forestry through investigations and the diffusion of information.

The work of the Government in forestry was initiated by the appointment of Dr. Franklin B. Hough in 1876 as special agent in the Department of Agriculture. In 1881 a division of forestry was created in that department. In 1901 this division became the Bureau of Forestry, and in 1905, when the care of the national forests was given to this bureau, its name became the Forest Service.

Previously the care of the national forests had been in the hands of the Department of the Interior.

Since the organization of the Forest Service, over 25,000 miles of trail, 23,000 miles of telephone, 860 miles of fire-breaks, and 360 look-out stations have been built, chiefly as guards against fire.

The Forest Service costs annually about $5,000,000 and gets receipts, chiefly from the sale of timber and from grazing, of almost that amount.

The branch of silviculture directs the management of the national forests as regards both the systems of cutting mature timber and the work of forest planting; supervises their protection; co-operates with states in developing forest policies adapted to their requirements; co-operates with private forest owners who desire to practice forestry on their lands; and carries on silvicultural investigations of the important species of the United States. In planting within the national forests the primary object is to produce commercial timber, although in a number of cases planting has been done chiefly with the view of reforesting denuded watersheds in order to control and regulate the flow of streams directly supplying cities and towns.

The branch of grazing supervises the grazing of live stock upon the national forests, the principal lines of work being the allotment of grazing privileges. The number of stock grazed during the past season, under permit, was 2,243,381 head of cattle, horses, and swine, and 8,512,208 head of sheep and goats. The number of persons holding permits to graze live stock during the past year was 32,600.

The branch of products carries on studies, tests and demonstrations to further the more complete utilization of the products of the forest. A forest products laboratory is operated at Madison, Wis., in co-operation with the University of Wisconsin. In the Western States all products work centres in the district offices at Denver, San Francisco and Portland.

Other activities of the Forest Service are concerned with fighting forest fires, of which there were 7,814 last year, of which 179 caused damages of more than $1,000 each, the chief causes being lighting, campers and railroads; granting water-power permits; protecting game; co-operating with the states in forestry work, and in making investigations, both in the field and in the laboratory.

Forest Service (see also Forests, National; and Agriculture, Department of):
Recommended, 6910.
Reforms in, to prevent and to lessen fire loss, 7538.

Forests, development of, urged, 8814. (See also Lands, Public.)

Forests, National.—President Cleveland, in his fourth annual message, Dec. 7, 1896 (page 6167), reported that the commission appointed from the membership of the National Academy of Sciences to formulate plans for a national forestry system would soon be prepared to present the result of a thorough and intelligent examination of the preservation of the growing timber of the country. McKinley, in his second annual message, Dec. 5, 1898, reported that up to the previous June 30th, thirty forest reservations had been created by executive proclamations (page 6346). These embraced an estimated area of 40,719,474 acres. By the next year he was able to report the addition of some five million acres to the national forest reserves. (Page 6390.) President Roosevelt discusses at length the importance of the preservation of forests and water supply in his first message after assuming the presidency. (Page 6653.) Mr. Roosevelt's strongest plea for the preservation of our forests is found in his message of Dec. 8, 1908. (Page 7218.)

The great areas contained in the national forests have now been brought to a condition where they are beginning to serve the purposes of the West. The conservation of timber and forage through wise use, and the protection of stream flow, are the means of sustaining many industries which have contributed materially to the prosperity of the country. At the head of the Forest Service are the Forester and the Associate Forester.

An act of Congress, passed in 1907, prohibits any additions by the President to the national forest area in Washington, Wyoming, Idaho, Oregon, Montana. A later act included California in this list. Colorado was included in the law of 1907, but has since been excluded by an act of Congress, passed in response to a petition to that effect from the people of the state.

The act of March 1, 1911, commonly known as the Weeks law, provides for the acquisition of forest lands on the watersheds of navigable streams. Its purpose is to promote and protect the navigability of the streams by preserving the forest on the upland portions of their watersheds. Through this act means are afforded of extending the national forest system to regions where the Government has hitherto owned no forest lands and taken no direct part in forest preservation. July 1, 1905, all matters relating to forest reserves passed to the Department of Agriculture.

About 16% of all the sheep in the United States are grazed in the National forests.

During the last year, approximately 6,000 acres in national forests were sown or planted to trees. A number of Government nurseries are used to supply the national forests. In the East, forest planting has been done mainly in connection with states and private owners. At the request of the states the Forest Service makes examinations of their forest conditions and conducts other studies needed to serve as a basis for forest legislation and formulation by each state of a forest policy adapted to its special requirements. The service co-operates with private owners, especially small owners, in states which have no State Forester.

Thirty-three states have forestry departments. The appropriations for their yearly support range from $1,000 to $500,000. Those having $25,000 or more are: Pennsylvania, $500,000; New York, $267,000; Michigan, $190,000; Massachusetts, $120,000; Maine, $119,000, with an additional $225,000 for the suppression of the gypsy and brown-tail moths; Minnesota, $103,000; California, $50,000; Washington, $50,000; New Jersey, $40,000; New Hampshire, $29,000; Oregon, $27,000; Wisconsin, $25,000. New York in 1917 also appropriated $2,500,000, available until expended, for the extension of her state-owned "forest preserve" of nearly 2,000,000 acres in the Adirondack and Catskill Mountains. Pennsylvania has more than 1,000,000 acres of state-owned forests and practises forestry on them. Minnesota has 400,000 acres now

in state forests and 1,000,000 acres of school lands to be retained for state school forests. Wisconsin has 380,000 acres reserved, and Michigan 289,000 with an additional 300,000 to be used for exchange. South Dakota has 51,000 acres of state forest, New Jersey 17,000, and North Carolina, Ohio, Indiana, Maryland, Connecticut, New Hampshire, and Massachusetts from 350 to 13,000 acres each. Twenty-four states co-operate in fire protection with the Federal Government.

Forest reserves have been set aside by Presidents as follows: Harrison, 13,416,710 acres; Cleveland, 25,686,320 acres; McKinley, 7,050,000 acres; Roosevelt, 148,346,924 acres; Taft, 4,333,847 acres (11,680,578 acres eliminated); Wilson, 921,046 acres (11,912,473 acres eliminated).

Eliminations occur in the case of land believed to be more suitable for agricultural or grazing purpose than for the growth of timber; also in the case of valuable water-power sites and for similar reasons.

The total stand of timber on the national forests is estimated at 600,000,000,000 board feet.

Forests cover about one-fourth of the United States, and about one-fifth of their acreage is owned by public agencies. The yearly yield of the forests is about 22,000,000,000 cubic feet of wood, valued at $1,375,000,000. The yearly consumption includes 100,000,000 cords of firewood; 32,000,000,000 board feet of lumber; 100,000,000 railroad ties; some 4,000,000 telephone or telegraph poles; 1,300,000 staves; 445,000,000 board feet of veneer; 81,000,000 sets of heading; 335,000,000 barrel hoops; 4,500,000 cords of native pulpwood; 170,000,000 cubic feet of round mine timbers; and 140,000 cords for excelsior.

The present rate of cutting exceeds the annual growth of the forests. During the last calendar year, some 5,480,000 cords of wood, including almost 1,000,000 cords imported from Canada, were used in the manufacture of paper. This wood is chiefly spruce, although poplar, hemlock, pine and balsam are also now being used.

The wood in greatest use in the United States is yellow pine, which is used to more than twice the extent of the Douglas Fir of the Northwest. White pine is in third place. Of the hard woods, oak ranks first in the amount cut, followed by maple, gum, cypress, chestnut and birch.

(See Forest Service and Forest Reserves, *above;* also Lumber.)

The present area of our 153 national forests is 155,927,568 acres, net, distributed as follows:

State and Forest	*Net Area, Acres*
Alabama:	
Alabama	27,745
Arizona:	
Apache	1,182,163
Coconino	1,651,422
Coronado	1,306,164
Crook	870,106
Dixie[1]	17,680
Kaibab	1,072,339
Prescott	1,433,164
Sitgreaves	657,293
Tonto	1,993,437
Tusayan	1,611,773
Total	11,795,541
Arkansas:	
Arkansas	626,746
Ozark	291,840
Total	918,586
California:	
Angeles	820,199
California	807,444
Cleveland	547,951
Crater[1]	47,097
Eldorado[1]	550,352
Invo[1]	1,272,260
Klamath[1]	1,489,745
Lassen	937,037
Modoc	1,186,068
Mono[1]	785,541
Monterey	319,543
Plumas	1,144,835
Santa Barbara	1,688,609
Sequoia	1,879,815
Shasta	803,448
Sierra	1,488,655
Siskiyou[1]	348,927
Stanislaus	810,559
Tahoe[1]	540,845
Trinity	1,426,112
Total	18,895,042
Colorado:	
Arapaho	634,775
Battlement	650,596
Cochetopa	905,813
Colorado	847,528
Durango	616,630
Gunnison	906,491
Hayden[1]	65,998
Holy Cross	576,113
La Sal[1]	27,444
Leadville	930,585
Montezuma	696,044
Pike	1,079,150
Rio Grande	1,136,539
Routt	832,152
San Isabel	598,912
San Juan	617,498
Sopris	596,508
Uncompahgre	789,959
White River	846,809
Total	13,354,944
Florida:	
Florida	308,268
Idaho:	
Boise	1,058,941
Cache[1]	493,430
Caribou[1]	681,475
Challis	1,258,912
Clearwater	785,103
Coeur D'Alene	662,592
Idaho	1,170,801
Kaniksu[1]	197,496
Lemhi	1,095,924
Minidoka[1]	509,226
Nezperce	1,624,562
Payette	831,926
Pend Oreille	675,536
St. Joe	626,421
Salmon	1,621,250
Sawtooth	1,160,101
Selway	1,693,711
Targhee[1]	977,181
Weiser	562,362
Total	17,686,930
Maine:	
White Mountain[1]	24,994
Michigan:	
Michigan	89,466

[1] National forest extending into two States.

State and forest	*Net area. Acres.*
Minnesota:	
Minnesota	190,602
Superior	853,477
Total	1,044,079
Montana:	
Absaroka	840,820
Beartooth	662,524
Beaverhead	1,335,483
Bitterroot	1,047,012
Blackfeet	904,587
Cabinet	837,250
Custer	428,601
Deerlodge	831,919
Flathead	1,756,255
Gallatin	564,695
Helena	687,335
Jefferson	1,038,560
Kootenai	1,334,836
Lewis and Clark	811,150
Lolo	850,667
Madison	956,776
Missoula	1,031,499
Sioux[1]	96,199
Total	16,016,138
Nebraska:	
Nebraska	205,944
Nevada:	
Dixie[1]	282,543
Eldorado[1]	400
Humboldt	1,298,115
Inyo[1]	72,817
Mono[1]	464,316
Nevada	1,220,781
Tahoe[1]	14,853
Toiabe	1,906,856
Total	5,260,681
New Hampshire:	
White Mountain[1]	275,969
New Mexico:	
Carson	859,149
Coronado[1]	1,371,544
Datil	126,318
Gila	2,668,675
Lincoln	1,466,411
Manzano	1,140,762
Santa Fé	701,078
Total	8,333,937
North Carolina:	
Pisgah	77,045
Oklahoma:	
Wichita	61,480
Oregon.	
Cascade	1,021,633
Crater[1]	798,588
Deschutes	1,287,266
Fremont	856,369
Klamath[1]	4,401
Malheur	1,057,682
Minam	430,694
Ochoco	716,604
Oregon	1,032,936
Santiam	607,097
Siskiyou[1]	998,090
Siuslaw	543,383
Umatilla	485,786
Umpqua	1,011,022
Wallowa	957,579
Wenaha[1]	425,504
Whitman	882,496
Total	13,117,130

[1] National forest extending into two States.

State and forest	*Net area. Acres.*
South Dakota:	
Black Hills[1]	480,096
Harney	546,181
Sioux[1]	75,209
Total	1,101,486
Utah:	
Ashley[1]	975,058
Cache[1]	268,501
Dixie[1]	427,029
Fillmore	699,579
Fishlake	651,377
La Sal[1]	519,384
Manti	784,932
Minidoka[1]	72,123
Powell	688,491
Sevier	724,606
Uinta	987,917
Wasatch	604,518
Total	7,403,515
Virginia:	
Natural Bridge	73,597
Shenandoah[1]	87,159
Total	160,756
Washington:	
Chelan	677,424
Columbia	785,535
Colville	754,739
Kaniksu[1]	257,763
Okanogan	1,487,089
Olympic	1,534,583
Rainier	1,315,898
Snoqualmie	697,855
Washington	1,453,365
Wenaha[1]	313,434
Wenatchee	665,276
Total	9,942,961
West Virginia:	
Shenandoah[1]	13,318
Wyoming:	
Ashley[1]	5,987
Bighorn	1,120,102
Black Hills[1]	144,759
Bridger	712,454
Caribou[1]	6,330
Hayden[1]	324,696
Medicine Bow	493,762
Shoshone	1,576,733
Targhee[1]	335,481
Teton	1,924,968
Washakie	852,653
Wyoming	900,020
Total	8,377,945
White Mountain [1] and Appalachian Area	552,966
Alaska:	
Chugach	5,417,602
Tongass	15,450,657
Total	20,868,259
Porto Rico:	
Luquillo	12,443
Grand total of 153 national forests	155,927,568

[1] National forest extending into two States.

Forests, National:
Appalachian region should acquire, 7190.
Discussed by President Roosevelt, 6656, 6908.

Extent and maintenance of, discussed by President Taft, 7465.
Proclamation of new, restriction on Presidential power of, condemned, 7533.
Proclamations concerning. (Consult the forests in question and the indices under the President by whom issued.)

Formosa. (See Japan.)

Formosa Island, ship's company of American bark *Rover* murdered by inhabitants of, 3829.

Fort Berthold Reservation, N. Dak.:
Agreement for cession of portion of, to United States, 5118.
Allotment of lands in severalty to Indians on, referred to, 4783.
Portion of, opened to settlement, proclaimed, 5579.

Fort Bliss, Tex.:
Title of United States to, referred to, 4665, 4736.
Troops ordered to, referred to, 4991.

Fort Bridger, Idaho, treaty of, 6687.

Fort Brown (Tex.), Attack on.—In consequence of the annexation of Texas the War Department, apprehending trouble with Mexico, sent all the available troops in the South and West to the frontier. The territory between the Nueces and Rio Grande Rivers was claimed by both Texas and Mexico. Gen. Zachary Taylor collected an army of 4,000 men at Corpus Christi, near the mouth of the Nueces, in November, 1845. Jan. 13, 1846, he was ordered to advance to a position on the Rio Grande, and on March 25 he occupied Point Isabel, on the coast of the Gulf of Mexico, just north of the mouth of the river. During April Gen. Taylor had advanced his army up the Rio Grande to a point opposite Matamoras, which was occupied by the Mexican army under Gen. Arista. Here the Americans built a fort under the direction of Major Brown and named it in his honor. Learning that bodies of Mexicans had crossed the river both above and below him with the intention of cutting him off from his supplies at Point Isabel, Taylor fell back toward the latter place May 1. Learning of his departure, the Mexicans on May 3 began a heavy bombardment of Fort Brown, which was continued at intervals until the 10th. It was gallantly defended by Maj. Brown and Captains Hawkins and Mansfield. The former was killed during the engagement. The only other fatality was that of Sergt. Weigert. Thirteen privates were wounded.

Fort Cameron Reservation, Utah, disposal of, recommended, 4740.

Fort Delaware, Del., title to island on which it stands referred to, 1099, 1125.

Fort Dodge Military Reservation, Iowa. Disposal of, referred to, 4690.

Fort Donelson (Tenn.), Capture of.—After the taking of Fort Henry the next logical move against the Confederate line of defence in the West was the reduction of Fort Donelson. This was a large fieldwork of 100 acres, on a bluff 100 feet high, near the town of Dover, Tenn., on the Cumberland River, about 63 miles from Nashville. It mounted 65 guns and was garrisoned by 21,000 men under Gen. Floyd. Feb. 12, 1862, Brig.-Gen. Grant with 15,000 men moved upon the works by way of the roads leading from Fort Henry. While Grant was placing his forces in position Commodore Foote arrived in the river opposite the fort with a fleet of 6 gunboats, 4 of them ironclad. On the 14th he opened fire. In a desperate attack 2 of the vessels were disabled and the others withdrew after a loss of 54 men. The guns on the bluff were too high to be silenced from the water level. On the day of the unsuccessful attack by the gunboats Gen. Wallace arrived with reenforcements, swelling Grant's command to 27,000. On the 15th Floyd made an attempt to force his way through the surrounding Federal lines. Fighting continued all day during most intensely cold weather. When night fell upon Donelson the Confederates retired to their works. During the night Floyd surrendered the command to Pillow and he to Buckner. The two former escaped by way of the river during the night, and next morning Buckner surrendered the fort unconditionally to Grant. Sixty-five guns, 17,600 small arms, and 14,623 prisoners fell into the hands of the victors. Grant's losses were 2,832 in killed, wounded, and missing. The Confederates lost 2,500 in killed and wounded.

Fort Erie (Canada), Battle at.—June 1, 1814, Maj.-Gen. Brown established headquarters at Buffalo with the intention of retaking the lower peninsula of Canada. His army consisted of 2 brigades of infantry, commanded by Generals Scott and Ripley, respectively, and to each were added a train of artillery and a squad of cavalry. There was also a brigade of 1,100 New York and Pennsylvania volunteers and 500 Indians. July 3 the American Army crossed the Niagara and demanded the surrender of Fort Erie, the first British post on the Canada side. Maj. Buck, with the garrison of 170 men, yielded without a struggle. Aug. 5 Gen. Gaines arrived at Fort Erie to take command of the American army of 2,500, which had retired to the southward after the battle of Lundys Lane. Here he was besieged by Lieut.-Col. Drummond with 5,000 men. The latter subjected the fort to a heavy bombardment all day Aug. 14, and on the 15th, between midnight and dawn, made a series of desperate assaults, showing no quarter to Americans who fell into their power. The British were driven off, with a loss of 221 killed, 174 wounded and 106 prisoners. The American loss was 17 killed, 56 wounded, and 11 missing. After this repulse the British kept up a constant bombardment of the fort for several weeks. Gen. Gaines was seriously injured, and Gen. Brown resumed command, though in ill health and suffering from wounds received at Lundys Lane. Sept. 17 a sortie was made by about 1,000 regulars and the same number of militia upon the British outposts, and all their batteries were captured or destroyed. This saved Buffalo and perhaps all of western New York and seriously crippled the enemy. The loss to the British during the sortie was 500 killed, wounded, and missing, and 385 prisoners. The American loss was 79 killed and 216 wounded. After this disaster Drummond retired precipitately and the Americans abandoned and destroyed Fort Erie.

Fort Erie, Canada, reduction of, by American arms, 524.

Fort Fisher (N. C.), Capture of.—In November, 1864, an expedition was planned against Fort Fisher, N. C. This fort occupies a peninsula on the south coast of North Carolina, between the mouth of the Cape Fear River and the Atlantic Ocean, about 18 miles from Wilmington. It formed the principal defence of that city, which was the most important seaport through which the Southern Confederacy received foreign supplies, and from which departed blockade runners laden with cotton and other products of the South. It was also deemed a point of considerable strategic importance. Fort Fisher and its connected works mounted 75 guns. The armament of the works guarding the approaches to Wilmington was about 150 guns, including some 150-pounder Armstrong guns. The garrison of the fort and outworks consisted of 2,300 men. Dec. 13, 1864, the expedition started. It was composed of a fleet of 73 vessels, carrying 655 guns, some of them of the largest caliber, and a land force of 6,500 men under Gen. Butler. The expedition was accompanied by a boat loaded with 215 tons of gunpowder, which it was designed to explode in the vicinity of the fort, with the object of igniting and exploding the magazines. This proved a failure. Dec. 24 the fort was bombarded by the fleet for an hour and a half. The next day, after a reconnaissance by the land troops, Butler ordered their reembarkation and return. Butler was relieved of the command and superseded by Gen. Terry, with the addition of 1,500 men and a small siege train. Jan. 13, 1865, the fort was again attacked. The troops were landed under the protection of Porter's guns. On the 14th a small advance work was taken by the Federals. The ships reopened fire on the 15th. At 3 P. M. a general assault was made, and for five hours a desperate hand-to-hand encounter was maintained. Not until 10 P. M. was resistance ended and the garrison forced to surrender. Two thousand and eighty-three prisoners were taken, including Gen. Whiting and Col. Lamp. The Federal loss was 110 killed and 530 wounded. The Confederate loss in killed and wounded was about 500. The next morning by the accidental explosion of a magazine 200 men were killed and 100 wounded.

Fort Gaines (Ala.), Reduction of. (See Mobile Bay (Ala.), Battle of.)

Fort Gaines, Ala., reduction of, and orders regarding celebration of, 3439.

Fort George (Canada), Capture of.—After the occupation of Toronto, April 27, 1813, the Americans turned their attention to the British forts along the Niagara River. On the west side of the river and near its mouth stood Fort George, which was held by about 1,800 regulars, 350 militia, and 50 Indians, under Brig.-Gen. Vincent and Colonels Harvey and Meyers. Nearly opposite Fort George was the American Fort Niagara, in and about which had been collected some 4,000 troops under command of Gen. Dearborn. Acting under him were Maj.-Gen. Morgan Lewis, Generals Boyd, Winder, and Chandler, and Col. Winfield Scott. May 27, 1813, an attack was made on Fort George. The army was transported to the Canadian soil by the fleet under Commodore Chauncey and Capt. Perry. After a severe battle of 20 minutes the British fled in confusion toward Beaver Dams, 18 miles distant, to rendezvous. At the end of 3 hours Fort George and its dependencies, with the village of Newark, were in the hands of the Americans. Their loss was about 40 killed and 100 wounded. The loss of the British regulars was 51 killed and 305 wounded, missing, and prisoners. The number of Canadian militia made prisoners was 507, making the total British loss 863, as well as large quantities of ammunition and stores. July 8, 1813, a party of 40 Americans under Lieut. Eldridge, in attempting to drive off a small detachment of British and Indians who had approached to within a couple of miles of Fort George, were ambushed by Indians under Blackbird, and only 10 of the party escaped. The wounded and prisoners were massacred.

Fort George, Canada, reduction of, by American arms, 524.

Fort Griswold (Conn.), Capture of.—Sept. 6, 1781, after Arnold and the Tories had secured New London, they carried by assault Fort Griswold, on the opposite side of the river. The Americans offered a stubborn resistance. Out of the garrison of 150 men 73 were killed, including Col. Ledyard, the commander, and 30 were wounded, many after having surrendered.

Fort Hall Reservation, Idaho, agreement with Indians for disposal of lands on, for use of railroad, 4655, 4779, 5187.

Opened to settlement, 6687, 6863, 6865.

Fort Harrison (Ind.), Attack on.—Capt. (afterwards General and President) Zachary Taylor, Sept. 4, 1812, held, until reenforcements reached him, a blockhouse on the Wabash River, Ind., with a garrison of 50 men, ill or convalescing from fever, against a fierce assault of Indians. The savages set fire to the blockhouse. Taylor's loss was 3 killed and 3 wounded.

Fort Henry (Tenn.), Capture of.—The main line of Confederate defense in the West in January, 1862, extended from Columbus, Ky., on the Mississippi River, to the Cumberland Mountains, in eastern Tennessee. On this line of defense were Forts Henry and Donelson, in the northern part of Tennessee, the former on the eastern bank of the Tennessee River and the latter on the western bank of the Cumberland, about 12 miles apart. Gen. Halleck, commander of the Department of Missouri, determined to make an attack on Fort Henry, which was near the center of the line. Jan. 30 an expedition was sent out from Cairo, consisting of 7 gunboats, 4 of them ironclad, under command of Commodore Foote, and a land force of 15,000 men commanded by Brig.-Gen. Grant. On the night of Feb. 5 the infantry were landed 4 miles from the fort. The gunboats anchored abreast until 10 o'clock the next morning, when they began to advance. Fort Henry mounted 17 guns and was garrisoned by 2,724 men, under command of Brig.-Gen. Tilghman. The attack was to have been made by the gunboats, seconded by the land forces. Foote began the bombardment before the arrival of Gen. Grant, whose march was delayed by muddy roads and swollen streams. Tilghman answered the fire of the gunboats for 1 hour and 20 minutes and then surrendered unconditionally, the greater part of his garrison having already escaped to Fort Donelson. Grant arrived half an hour after the battle, and the fort was turned over to him. The part

of the garrison that surrendered consisted of about 56 able-bodied men and 60 invalids. Tilghman's loss was 21 killed, and wounded. The Federal loss was 48.

Fort Henry, Tenn., thanks of President to forces capturing, 3305.

Fort Jackson, Ala., treaty with Indians concluded at, 886.

Fort Leavenworth, Kans.:
Estimates for barracks at, referred to, 4666, 4674.
Military prison at, use of, as Government penitentiary, discussed, 6161.
Recommended, 5969.

Fort Lewis, Colo., estimates for post at, 4677.

Fort McAllister (Ga.), Capture of, and Fall of Savannah.—After the destruction at Atlanta and its railroad connections Gen. Sherman took up his march toward Savannah. His army was composed of the Fourteenth, Fifteenth, Seventeenth, and Twentieth Corps. Gen. Howard commanded the right wing and Gen. Slocum the left. The cavalry was under the direction of Gen. Kilpatrick. Sherman passed down the peninsula between the Ogeechee and Savannah rivers and about the middle of December appeared before Savannah, held by the Confederate General Hardee with 15,000 men. To the south of Savannah, on the Ogeechee River, stands Fort McAllister, which had resisted many attacks from the sea and effectually prevented the ascent of the river by the Federal gunboats. The defenses of the fort were weak to the landward and a garrison of less than 300 men held the works. Fort McAllister mounted 23 guns in barbette and 1 mortar. Dec. 13, 1864, Gen. Hazen's division of the Fifteenth Corps crossed the river and assaulted the fort from the rear. The garrison was overpowered and in 15 minutes after the bugle sounded "Forward" the fort was taken. Communication was now open to Dahlgren's fleet, lying in the harbor. Siege guns were brought from Hilton Head, and when the investment of Savannah was completed Sherman demanded its surrender. Hardee refused, but on the night of Dec. 20, when all the arrangements for the assault had been completed, he evacuated the city. It was occupied next day by Sherman's army. Two hundred guns and 35,000 bales of cotton fell into Federal hands. Thus ended Sherman's march from Atlanta to the sea, a distance of more than 300 miles. Out of the entire army of 66,000 men 63 were killed, 245 wounded, and 260 were captured on the march, which consumed 27 days.

Fort McHenry (Md.), Bombardment of.—In September, 1814, the British planned to take Baltimore by a combined land and sea attack. The night after the battle of North Point the British remained on the field. The following morning, Sept. 13, 1814, the British fleet, consisting of 16 heavy vessels, 5 of them bomb ships, began the attack on Fort McHenry, 3 miles southeast of the city. The fort was defended by Maj. Armistead with about 800 men. The bombardment continued 25 hours. The American loss was 4 killed and 24 wounded. It was during this bombardment that Francis Scott Key wrote "The Star-Spangled Banner." The British withdrew after losing 2 vessels and a large number of men.

Fort McKinney (Wyo.), estimates for completion of post at, 4680.

Fort Mackinaw (Mich.), Capture of.—The War of 1812 was proclaimed June 18 (497). The British in Canada learned of it sooner than their adversaries across the lakes. July 17 a force of 600 British and Indians under Capt. Roberts surprised and captured the garrison of 61 officers and men under Lieut. Hancks at Fort Michilimackinac, or Mackinaw. An attempt to recapture it in 1814 was unsuccessful.

Fort Mackinaw, Mich., attempted reduction of, referred to, 534.

Fort Madison (Iowa), Defense of.—Sept. 5, 1812, about 200 Winnebago Indians attacked Fort Madison, on the Mississippi River above St. Louis, and were repulsed after 3 days' fighting. The garrison consisted of a small detachment under Lieutenants Hamilton and Vasques. The Americans lost one man.

Fort Maginnis, Mont., estimates for post at, 4687.

Fort Malden, Canada, reduction of, by American arms, 524.

Fort Marcy, Military Reservation (New Mex.), disposed of, 6872.

Fort Meigs (Ohio), Bombardment of.—In April, 1813, Col. Proctor, with a force of 1,000 British regulars and Canada militia and 1,500 Indians, set out on an expedition against Fort Meigs, on the Maumee River, about 12 miles from its mouth. Gen. Harrison was there with about 1,100 effective men. May 1 the British, having erected batteries at Maumee City, opposite the fort, opened fire, which they kept up for 5 days with slight injury to fort or garrison. Meantime Harrison was reenforced by Gen. Clay and 1,100 Kentuckians. Eight hundred of these, under Col. Dudley, were detached with orders to attack the British rear. They were successful at first, but instead of obeying the order to return they pursued the flying foe into the woods and fell into an Indian ambush. Of the 800 in Dudley's command only 170 escaped. After the fruitless bombardment, the Indians deserting Proctor, he abandoned the expedition.

Fort Meigs, Ohio, British attack on, repulsed, 524.

Fort Mercer (N. J.), Attack on.—Though the British forces under Gen. Howe had occupied Philadelphia in September, 1777, Washington's army in the immediate vicinity controlled the navigation of the Delaware and Schuylkill rivers. Just below the mouth of the latter stream, and on the opposite side of the Delaware, at Red Bank, N. J., was Fort Mercer, in command of Col. Greene, with a force of about 400 men. Admiral Lord Howe having arrived at Newcastle with his fleet early in October, the necessity of opening the river to British navigation became urgent. Oct. 22, an attack was made on Fort Mercer by the British ships and some 1,200 Hessian troops. The assailants were repulsed with a loss of 400. One of the ships grounded and 2 others were burned. The American casualties were 35.

Fort Mifflin (Pa.), Attack on.—One of the principal defenses of the Delaware River after the occupation of Philadelphia in September, 1777, was Fort Mifflin, just be-

low the mouth of the Schuylkill. On the arrival of Admiral Howe with his fleet off Newcastle, Del., early in October, it became necessary to open the river to British navigation. Fort Mifflin was in command of Lieut.-Col. Smith, of Baltimore, with a garrison of about 400 men. Failing disastrously at Fort Mercer, the British turned to Fort Mifflin. A combined attack by the land and water batteries, begun on the 10th, resulted in the retreat of the American garrison to Fort Mercer on the night of Nov. 15, 1777, with the loss of 250 men. The next day the Royal Guards occupied the works. The British loss was 37.

Fort Mims (Ala.) Massacre.—In the summer of 1813 the inhabitants of Alabama, frightened by the hostile actions of the Creek Indians, took refuge at Fort Mims, near Montgomery, Ala., 10 miles above the junction of the Tombigbee and Alabama rivers. The place was garrisoned by 16 regulars and about 240 volunteers. At noon, Aug. 30, 1813, about 1,000 Indians under Weathersford and the prophet Francis surprised the fort. Of the 550 persons (more than 300 of whom were women and children) who at the time were at Fort Mims, 400 were massacred, including all the women and children. The whites resisted desperately. The negroes were made slaves to the Indians. Twelve men of the garrison escaped into the swamp.

See illustration opposite page 1273.

Fort Morgan (Ala.), Reduction of. (See Mobile Bay (Ala.), Battle of.)
Orders regarding celebration of, 3439.

Fort Moultrie, Charleston (S. C.), Defense of.—In 1776 Clinton was charged with holding the Southern Colonies and Cornwallis was sent to his aid with troops under convoy of Sir Peter Parker's fleet. Charles Lee commanded the Americans in the vicinity of Charleston. William Moultrie was in charge of a little fort of palmetto logs on Sullivans Island, S. C. June 4 the hostile fleet appeared and on the 28th bombarded Fort Moultrie. Clinton's troops had already landed on Long Island. The Americans fired with precision and effect, and one ship was abandoned. Clinton's forces failed to attack, and in a few days the British withdrew. The American loss was 12 killed and 24 wounded. The British loss was 205, and only one of their vessels remained seaworthy. An incident of this battle was the replacing by Sergt. Jasper of a flag which had been shot from the bastion. This fort was abandoned by the Federals under Maj. Robert Anderson Dec. 26, 1860, and was seized by the Confederates, who served a battery from it during the bombardment of Fort Sumter, April 12-14, 1861.

Fort Myer, Va., meteorological observatory at, establishment of, recommended, 4792.

Fort Niagara (N. Y.), Bombardment of.—Nov. 21, 1812. Fort Niagara sustained a severe bombardment at the hands of the British artillery at Forts George and Newark, on the Canadian side of the Niagara River. The Americans returned the fire and silenced the batteries of the enemy. The loss to the Americans was 9; British loss was not known.

Fort Omaha Military Reservation, Nebr., act to provide for lease of, to Nebraska, vetoed, 6119.

Fort Pillow (Tenn.), Capture of.—This fort was located on the Chickasaw Bluff, in the Mississippi River, 40 miles above Memphis. It was built by the Confederates during the Civil War. It was occupied by the Federal troops June 5, 1862, its evacuation having been compelled by the destruction of the Confederate flotilla on the previous day. The Federal forces not long afterwards abandoned it in consequence of operations on the Tennessee River. April 12, 1864, the fort was garrisoned by 19 officers and 538 men of the Union Army, about one-half of whom were negro troops. On that day Gen. Forrest with Confederate cavalry assaulted and captured it.

Fort Polk, Tex., removal of, referred to, 2603.

Fort Powell (Ala.), Reduction of. (See Mobile Bay (Ala.), Battle of.)
Orders regarding celebration of, 3439.

Fort Preble Military Reservation, Me., additional land for, recommended, 4777.

Fort Riley, Kans., bridge over Republican River at, reconstruction of, recommended, 4777.

Fort Ripley Military Reservation, Minn., Indian school at, establishment of, referred to, 4683.

Fort St. Philip (La.), Bombardment of.—Jan. 9, 1815, while the British were burying their dead before New Orleans, a portion of the fleet attacked without success Fort St. Philip, at a bend in the Mississippi, 65 miles below the city. It contained a garrison of 366 men under Maj. Overton. The bombardment was continued for five days. Two Americans were killed and 7 wounded.

Fort Selden, N. Mex., estimates for post at, referred to, 4670.

Fort Sherman Military Reservation (Idaho), disposition of, 6937, 6953.

Fort Sill Indian Sub-Agency, referred to, 6695.

Fort Smith, Paris and Dardanelle Railway, act granting right of way to, etc., vetoed, 5278.

Fort Stedman (Va.), Assault on.—When in March, 1865, it became apparent to Lee that he must evacuate Richmond, he planned an assault on Fort Stedman, on Grant's right. During the assault Longstreet and Hill were to retire to the south, followed by the assaulting column, and join Johnston. The assault took place March 25. The batteries were carried and 500 prisoners captured. The Confederates were gathered in the works they had taken. March 27 the surrounding artillery of the Union army was brought to bear on the position, and 1,900 of the Confederates surrendered. The Federal loss was 919.

Fort Stephenson (Ohio), Attack on.—In July, 1813, Maj. Croghan was sent with 160 men to garrison Fort Stephenson, or Lower Sandusky, now Fremont, Ohio, about 20 miles from Sandusky Bay. Here he was attacked Aug. 1, 1813, by Gen. Proctor, with 400 British regulars and several hundred Indians, while Tecumseh, with 2,000 Indians, held the roads leading to the fort, so as to cut off reenforcements. The firing

was maintained all night from Proctor's gunboats and from howitzers landed by the British. Aug. 2 a general assault was made, which the garrison repulsed with the loss of 1 man killed and 7 slightly wounded. The British loss was 120. The Indians kept out of harm's way.

Fort Sullivan, Me., legislation to authorize sale of post at, recommended, 4783.

Fort Sumter (S. C.) Fired on.—At 3:30 o'clock on the morning of April 12, 1861, Gen. Beauregard, in command of the Confederate troops in and around Charleston, S. C., demanded the surrender of Fort Sumter, in Charleston Harbor, about 3½ miles from the city. The fort was garrisoned by Maj. Anderson with 70 men. Beauregard had a force of 7,000 men. Anderson having refused to surrender, at 4:30 A. M. the bombardment was begun. The firing was kept up until dark and renewed on the morning of the 13th. Buildings in the fort were several times set on fire. Anderson was only able to return a feeble fire, and it was impossible to furnish him with the number of reenforcements necessary to hold the fort. Accordingly, on April 14 he evacuated the works lowering the flag with a salute, and with the garrison sailed north. This was the first conflict of the Civil War. There were no casualties on either side.

Fort Sumter, S. C., assault upon, and reduction of, discussed, 3222, 3278.
Flag floating over, at time of, to be raised on ruins of, by Gen. Anderson, 3484.

Fort Thornburg, Utah, estimates for construction of post at, referred to, 4670.

Fort Wagner (S. C.), Battle of.—In order to test the efficacy of monitors and ironclads as against land fortifications, Admiral Dupont attempted to force the defenses of Charleston Harbor with a fleet of such vessels. April 7, 1863, he started to attack Fort Sumter. His fleet consisted of 7 Ericsson monitors, the frigate *Ironsides*, partially ironclad, and the *Keokuk*, a frailer ironclad. The opposing forts mounted 300 guns. The expedition signally failed. June 12 Gen. Gillmore was placed in command of an expedition against the same fort with 11,500 men, 66 guns, and 30 mortars. Admiral Dahlgren was to cooperate with him with the frigate *Ironsides* and 6 monitors. Gillmore's intention was to capture Fort Wagner, on Morris Island, and then proceed against Fort Sumter. July 10, 1863, a combined attack by sea and land was made on that fortification. He advanced within musket range of Fort Wagner, but delayed the assault till the next day, when it was repulsed. In these operations Gillmore lost about 150 men, the Confederates 300. July 18 another attempt was made to reduce the place, but it was completely repulsed, with a loss of 1,200. Gillmore now determined to approach the fort by a series of parallel trenches. The first was opened July 24 and the third Aug. 9. Beauregard was in command of Fort Sumter. Aug 17 Gillmore opened on that fort. By the 23d Sumter was battered to ruins. Additional paralleis were opened toward Fort Wagner. Final operations began Sept. 5, with 17 siege and cohorn mortars, 13 Parrott rifles, and the 11-inch shells of the *Ironsides*. An assault was to have been made Sept. 7, but during the previous night the garrison evacuated the place. Though 122,300 pounds of metal were thrown against the work, the bombproofs were found intact.

Fort Wagner, S. C., Indian agency at, removal of, 967.

Fort Wallace Military Reservation (Kans.), act to provide for disposal of, vetoed, 5308.

Fort Washington (N. Y.), Capture of.—One of the most serious disasters to the Americans of the early days of the Revolution. Howe sent an expedition to dislodge the Americans from Forts Lee and Washington, the principal defenses of the Hudson, which Congress had decided, against the advice of Washington, should be held. The garrison withdrew from Fort Lee in safety. Fort Washington was carried by storm Nov. 16, 1776, after a severe struggle, 2,600 men and all the munitions of war falling into the hands of the British. The American loss in killed and wounded did not exceed 130, while the loss of the combined British and Hessian troops amounted to about 450.

Fort Yuma Military Reservation (Ariz.) disposed of, 6704, 6705.

Fortification.—Any kind of construction artificially made or adopted to prevent capture or defeat by enemy.

Fortress.—A fortified place.

Fortress Monroe, Va.:
Artillery schools of practice at, 940.
Estimates for barracks and quarters at, referred to, 4666.

Forts.—Strictly speaking a fort is a permanent, strongly built detached enclosure with mounted guns, capable of independent defense, and manned by an organized military force. A fortress is a fort of especial size and strength. The only application of the latter term in America was to Fort Monroe, Va. Both are used for the defense of cities or the entrance to harbors. A fortification is a series of defensive works, temporary or permanent, consisting of a parapet and ditch, and may be of earth or masonry. A post is a permanent military camp, with or without defensive fortifications. The military posts of the western part of the United States were originally fortified against attacks by Indians. The active military posts in the United States are as follows:

Aberdeen Proving Ground—Thirty-five miles northeast of Baltimore, Md.
Adams, Ft.—One mile southwest of Newport, R. I.
Alcatraz Island—Near San Francisco, Calif.
Alexander, Camp—(See Norfolk, Va.)
Allen, Ethan, Ft.—Two and one-half miles southwest of Essex Junction, Vt.
Amador, Ft.—Balboa, Canal Zone.
Amatol Arsenal—Hammonton, N. J.
Anchorage—Anchorage, Alaska.
Andrews, Ft.—On an island nine miles from Boston.
Apache, Ft.—Ninety miles south of Holbrook, Ariz.
Armistead, Ft.—Eight miles southeast of Baltimore, Md.
Armstrong, Ft.—Honolulu, Hawaii.
Army and Navy Hospital—See General Hospital.
Army Reserve Depot, Columbus, Ohio—Seven miles east of Columbus, Ohio.
Army Reserve Depot, New Cumberland, Pa.—Seven miles northwest of Harrisburg, Pa.

Army Reserve Depot, Schenectady, N. Y.—Three and one-half miles south of Schenectady, N. Y.
Augusta Arsenal—Three miles from Augusta, Ga.
Aviation General Supply Depot—West end of Middletown, Pa.
Aviation Repair Depot—Dallas, Tex.
Aviation Repair Depot—Montgomery, Ala.
Aviation Repair Depot—Speedway, Indianapolis, Ind.

Baker, Ft.—Four miles north of Sausalito, Calif.
Baker, Camp—(See El Paso, Tex.).
Baldwin, Ft.—Sixteen miles from Bath, Me.
Banks, Ft.—Four miles northeast of Boston, Mass.
Barrancas, Ft.—Seven miles from Pensacola, Fla.
Barron Field—Nine miles south of Fort Worth, Tex.
Barry, Ft.—Seven miles from Sausalito, Calif.
Bayard, Ft.—One mile north of Central, N. Mex.
Beacom, Camp John H.—Calexico, Calif.
Bedloes Island—See Fort Wood.
Benicia Arsenal—Benicia, Cal.
Benning, Camp—Southwest of Columbus, Ga.
Bliss, Ft.—Five miles northeast of El Paso, Tex. See El Paso.
Bolling Field—Two miles south of Capitol, Washington, D. C.
Boyd, Camp—On Fort Bliss Reservation, Fort Bliss, Tex.
Brady, Ft.—One mile southwest of Sault St. Marie, Mich.
Bragg, Camp (including Pope Field)—Ten miles northwest of Fayetteville, N. C.
Brooks Field—Seven miles southeast of San Antonio, Tex.
Brown, Ft.—Brownsville, Tex.

Carlisle—See General Hospital No. 31.
Carlstrom Field—Seven miles southeast of Arcadia, Fla.
Carroll, Ft.—Eight miles southeast of Baltimore, Md.; (subpost of Fort Howard).
Casey, Ft.—Five miles from Port Townsend, Wash.
Caswell, Ft.—Two miles from Southport, N. C.
Chanute Field—One mile southeast of Rantoul, Ill.
Chapman Field—Sixteen miles south of Miami, Fla.
Charleston General Ordnance Depot—One mile east of North Charleston, Charleston, S. C.
Chigas Camp—Sante Fé Bridge, El Paso, Tex.
Clark, Ft.—Ten miles west of Spofford, Tex.
Cody, Camp—N. W. Deming, N. Mex.
Columbia, Ft.—Mouth of Columbia River, Fort Columbia, Wash.
Columbus Barracks—Columbus, Ohio.
Constitution, Ft.—Three miles north of Portsmouth, N. H.
Corozal, Post of—Forty-four miles southeast of Colon, three miles from Pacific terminal of Panama Canal.
Courchesne, Camp—(See El Paso.)
Crockett, Ft.—Two miles southeast of Galveston, Tex.
Crook, Ft.—Ten miles south of Omaha, Neb.
Cuartel de Espana—Manila, Philippine Islands.
Curtis Bay General Ordnance Depot—Seven miles south of Baltimore, Md.
Custer, Camp—Four miles west of Battle Creek, Mich.

Dade, Ft.—Thirty-five miles southwest of Tampa, Fla.
Delaware General Ordnance Depot—In New Jersey, six miles northeast of Wilmington, Del.
De Lesseps, Ft.—Canal Zone.
Denver—See General Hospital No. 21.
De Russey, Ft.—Kalia, Waikiki, Oahu, Hawaii.
Des Moines, Ft.—Five miles south of Des Moines, Iowa.
Devens, Camp—One mile south of Ayer, Mass.
Dix, Camp—One-half mile southwest of Wrightstown, N. J.
Dodge, Camp—Eleven and one-half miles north of Des Moines, Iowa.
Dorr Field—One and three-fourths miles east of Arcadia, Fla.
Douglas, Ariz. (including Camp Harry J. Jones)—On Mexican Border, near Douglas, Ariz.
Douglas, Ft.—Four miles southeast of Salt Lake City, Utah.
Drum, Ft.—Manila and Subic Bays, Philippine Islands.
Du Pont, Ft.—Two miles out of Delaware City, Del.

Eagle Pass, Tex.—Eagle Pass, Tex.
East Potomac Park—Washington, D. C.
Eberts Field—Twenty-two miles almost due east from Little Rock, Ark.
Edgewood Arsenal—Edgewood, Md., adjacent to Aberdeen Proving Grounds.
Eldridge, Camp—Las Banos, Laguna, Luzon, P. I. Forty-one miles from Manila.
Ellington Field—Seventeen miles southeast of Houston, Tex.
El Paso (includes Camp Fort Bliss, Camp Newton D. Baker, Camp Owen Beirne, Camp Courchesne, Camp Chigas, and Camp Tusco)—El Paso, Tex.
Erie Proving Ground—Port Clinton, Ohio.
Ethan Allen—See Allen, Ethan.
Eustis, Camp Abraham—Eighteen miles northwest of Newport News, Va.

Fisherman's Island—Twenty-two miles east of Fort Monroe, Va.
Flagler, Ft.—Five miles southeast of Port Townsend, Wash.
Foster, Ft.—Seven miles northeast of Portsmouth, N. H.
Frank, Ft.—C. Def. Manila and Subic Bays, Philippine Islands.
Frankfort Arsenal—One-half mile from Bridesburg, Pa.
Fremont, Camp—Menlo Park, Cal., one mile west of Palo Alto, Cal.
Front Royal—Front Royal, Va.
Funston, Camp—East of Fort Riley, Kans., midway between Manhattan and Junction City, Kans.
Furlong, Camp—Seventy-three miles west of El Paso, Tex.

Gatum, Camp at—Seven miles from Colon, Canal Zone.
General Hospital, Army and Navy—Hot Springs, Ark.
General Hospital, U. S. A.—Fort Bayard, N. Mex., one mile north of Central, N. Mex.
General Hospital, Letterman—Presidio of San Francisco, Cal.
General Hospital, Walter Reed—Takoma Park, Washington, D. C.
General Hospital No. 2—Fort McHenry, Baltimore, Md.
General Hospital No. 6—Fort McPherson, three miles southeast of Atlanta, Ga.
General Hospital No. 7—Roland Park, Baltimore, Md. Consolidated with General Hospital No. 2.

General Hospital No. 19—Oteen, N. C.
General Hospital No. 20—Whipple Barracks, one mile from Prescott, Ariz.
General Hospital No. 21—Denver, Colo.
General Hospital No. 28—Fort Sheridan, twelve miles north of Evanston, Ill.
General Hospital No. 31—Carlisle, Pa.
General Hospital No. 41 (formerly Debarkation Hospital No. 2)—Staten Island, N. Y.
General Hospital No. 43 (formerly Debarkation Hospital No. 51)—Hampton, Va.
Gerstner Field—Seventeen miles southeast of Lake Charles, La.
Getty, Ft.—Subpost of Fort Greble, R. I.
Gibbon, Ft.—Near Tanana, Alaska.
Godman Field—See Camp Knox.
Gordon, Camp—Thirteen miles northeast of Atlanta, Ga.
Governors Island, N. Y.—See Fort Jay.
Grant, Camp—Four and three-tenths miles south of Rockford, Ill.
Greble, Ft.—Five miles from Newport, R. I.
Greenleaf, Camp—Ten miles southeast of Chattanooga, Tenn. Now included in Ft. Oglethorpe.

Hachita, N. Mex.—See Camp Shannon.
Hamilton, Ft.—Brooklyn, N. Y.
Hampden, Va.—See General Hospital No. 43.
Hancock, Camp—Wheless, Ga., southwest of Augusta, Ga.
Hancock, Ft.—Four miles from Highland Beach, N. J.
Harrison, Benjamin, Ft.—Ten miles northeast of Indianapolis, Ind.
Hay, Camp John—Baguio, Mountain, Luzon, P. I., one hundred and seventy-one miles from Manila.
Hazelhurst Field—See Mitchel Field.
Hearn, Camp, Lawrence J.—Fourteen miles south of San Diego, Cal.
Heath, Ft.—Four and one-quarter miles northeast of Boston, Mass.
Henry Barracks—Porto Rico.
Hill, Camp—See Norfolk, Va.
Hoboken—See Port of Embarkation.
Holabird, Camp—Five and one-half miles southeast of Baltimore, Md.
Hot Springs Hospital—See General Hospital.
Houston, Ft. Sam—Three miles northwest of San Antonio, Tex.
Howard, Ft.—Seventeen miles southeast of Baltimore, Md.
Huachuca, Ft.—Arizona, near southern border.
Hughes, Ft.—Manila and Subic Bays, P. I.
Humphreys, Camp, A. A.—Fifteen miles southwest of Washington, D. C., Fairfax County, Va.

Jackson, Camp—Six miles east of Columbia, S. C.
Jackson Barracks—Six miles southeast of New Orleans, La.
Jay, Ft.—Governors Island, N. Y.
Jefferson Barracks—Thirteen miles south of St. Louis, Mo.
Jesup, Camp—Three and one-half miles south of Atlanta, Ga.
Johnston, Joseph E., Camp—Twelve miles from Jacksonville, Fla.
Jones, Harry J., Camp—See Douglas, Ariz.

Kamehameha, Ft.—Queen Emma Point, Oahu, Hawaii.
Kearny, Camp—Fifteen miles north of San Diego, near Linda Vista, Cal.
Kearny, Ft. Philip—Subpost of Fort Greble, R. I., thirty miles south of Providence, R. I.
Kelly Field—Five miles south of San Antonio, Tex.
Keogh, Ft.—Two miles south of Miles City, Mont.
Key West Barracks—Key West, Fla.
Knox, Camp (including Godman Field)—Thirty-one miles southwest of Louisville, Ky.

Lakehurst Proving Ground, Lakehurst, N. J.—Two miles from Lakehurst, N. J.
Langley Field—Hampton, Va.
Lawton, Ft.—Six miles north of Seattle, Wash.
Leavenworth, Ft.—Four miles from Leavenworth, Kans.
Leavenworth, Ft.—(Disciplinary Barracks) Four miles from Leavenworth, Kans.
Lee, Camp—Three miles east of Petersburg, Va.
Lee Hall, Va.—Lee Hall, Va.
Letterman Hospital—See General Hospital.
Levett, Ft.—Four miles from Portland, Me.
Lewis, Camp—American Lake, Wash., nineteen miles south of Tacoma, Wash.
Liscum, Ft.—Alaska, three miles from Valdez.
Logan, Camp—Five miles west of Houston, Tex.
Logan, Ft.—South of Denver, Colo.
Love Field—Five miles north of Dallas, Tex.
Luke Field—Ford's Island, Pearl Harbor, Oahu, Hawaii.
Lyon, Ft.—Subpost of Fort McKinley, four miles from Portland, Me.

MacArthur, Ft.—Near San Pedro, Cal.
McAllen, Tex.—McAllen, Tex.
McClellan, Camp—Five miles north of Anniston, Ala.
McCook Field—Dayton, Ohio.
McDowell, Ft.—Seven miles from San Francisco, on Angel Island, San Francisco Bay.
McHenry, Ft.—Baltimore, Md. See General Hospital.
McIntosh, Ft.—One mile from Laredo, Tex.
McKinley, Ft.—Five miles from Portland, Me., on Great Diamond Island.
McKinley, Ft. Wm.—Guadalupe, Rizal, Luzon, P. I., nine miles southeast Manila.
McPherson, Ft.—Three miles southeast of Atlanta, Ga. See General Hospital.
Madison Barracks—Sackett Harbor, N. Y.; Lake Ontario, twelve miles west of Watertown, N. Y.
March Field—Ten miles southeast of Riverside, Cal.
Marfa, Camp—At Marfa, Tex.
Mason, Ft.—San Francisco, Cal.
Mather Field—Thirteen miles east of Sacramento, Cal.
Meade, Camp—Camp Meade, Md.
Meade, Ft.—Two miles from Sturgis, S. D.
Meigs, Camp—Washington, D. C.
Mercedes, Tex.—Texas.
Merritt, Camp—Fifteen miles northwest of Jersey City, N. J.
Miley, Ft.—San Francisco, Cal.
Miller Field—New Dorp., Staten Island, N. Y.
Mills, Camp A. L.—One mile northeast of Hempstead, L. I., N. Y.
Mills, Ft.—Cavite, Corregidor, P. I., thirty miles from Manila, Philippine Islands.
Mitchel Field, N. Y.—Mineola, L. I.
Monroe, Ft.—Old Point Comfort, Va.
Morgan, Ft.—Mobile Bay, thirty miles from Mobile, Ala.
Morgan General Ordnance Depot—One mile south of South Amboy, N. J.
Morrison Air Service Depot—Morrison, Va.
Mott, Ft.—Six miles northwest of Salem, N. J.
Moultrie, Ft.—Six miles from Charleston, S. C.

Myer, Ft.—Four miles southwest of Washington, D. C., Fort Myer, Va.

New York Arsenal—Governors Island, New York Harbor.
Niagara, Ft.—Lake Ontario, mouth of Niagara River, Youngstown, N. Y.
Nichols, Camp—Maricaban, Rizal, Luzon, P. I., ten miles from Manila.
Nogales—Southern Arizona.
Norfolk, Va. (including Army Supply Base, Camps Alexander, Hill, and Stuart)—Norfolk, Va.
Normoyle, Camp—San Antonio, Tex.

Oglethorpe, Ft.—Eight miles south of Chattanooga, Tenn.
Oglethorpe, Ft. (War Prison Barracks No. 2)—(See above).
Omaha, Ft.—Five miles from Omaha, Neb.
Ontario, Ft.—Oswego, N. Y.
Oteen General Hospital—See General Hospital No. 19.

Park Field—Millington, Tenn., sixteen miles north of Memphis.
Payne Field—Four and one-half miles north of West Point, Miss.
Pettit Barracks—Zamboanga, Moro, Mindanao, P. I., 671 miles from Manila.
Picatinny Arsenal—Five miles from Dover, N. J.
Pickens, Ft.—Subpost of Fort Barrancas, Fla.
Pig Point General Ordnance Depot—Across James River from Newport News, Va.
Pike, Camp—Eight miles northwest of Little Rock, Ark.
Plattsburg Barracks—Plattsburg, N. Y.
Pope Field—See Camp Bragg, N. C.
Port of Embarkation—Hoboken, N. J.
Porter, Ft.—Three miles from Buffalo, N. Y.
Post Field—Fort Sill, Okla.
Preble, Ft.—Three miles from Portland, Me.
Presidio of Monterey—Monterey, Cal.
Presidio of San Francisco—San Francisco, Cal.

Quarry Heights—Canal Zone.
Randolph, Ft.—On Margarita Island, five miles from Cristobal, Canal Zone.
Raritan Arsenal—Three and one-half miles northeast of New Brunswick, N. J.
Ream Field—Imperial Beach, Cal.; subpost Rockwell Field.
Reno, Ft.—Fort Reno, Okla.
Revere, Ft.—Nine miles from Boston.
Rich Field—Waco, Tex.
Riley, Ft.—Four miles northeast of Junction City, Kans.
Ringgold, Ft.—Northwest of Mission, Tex., P. O., Rio Grande City.
Robinson, Ft.—Nebraska.
Rock Island Arsenal—One mile out of Rock Island, Ill. On an island in Mississippi River.
Rockwell Field—Near San Diego, Cal.
Rodman, Ft.—Four miles from New Bedford, Mass.
Roots, Logan H.—Four miles east of Little Rock, Ark.
Rosecrans, Ft.—Six miles from San Diego, Cal.
Ross Field (W. Dept.)—Arcadia, Cal.
Ruger, Ft.—Diamond Head, Oahu, Hawaii.
Russell, Ft. D. A.—Southeastern part of Wyoming, outside of Cheyenne.

St. Michael, Ft.—Alaska.
St. Philip, Ft. (subpost Jackson Bks.)—On Mississippi River, seventy miles below Jackson Bks.
San Antonio Arsenal—San Antonio, Tex.
San Antonio, Tex.—San Antonio, Tex.
Sandy Hook Proving Ground—Six miles from Highland Beach, N. J.
San Juan—Defense of Porto Rico.
Savanna Proving Ground—On the Mississippi River, nine miles northwest of Savanna, Ill.
Schofield Barracks—On the island of Oahu, Hawaii, about twenty miles from Honolulu.
Scott Field—Belleville, Ill.
Scott, Winfield, Ft.—San Francisco Bay, part of reservation of Presidio.
Screven, Ft.—Eighteen miles southeast of Savannah, Ga.
Selfridge Field—Mount Clemens, Mich.
Seven Pines General Ordnance Depot—Seven miles east of Richmond, Va.
Seward, William H.—Alaska.
Shafter, Ft.—Kahauiki, Kona District, about three miles northwest of Honolulu, on the island of Oahu.
Shannon, Camp—Southwestern part of New Mexico, twenty-five miles west of Hermanas, N. Mex.
Sheridan, Camp — Three and one-fourth miles north of Montgomery, Ala.
Sheridan, Ft.—Twelve miles north of Evanston, Ill.
Sherman, Camp—Three miles northwest of Chillicothe, Ohio.
Sherman, Ft.—Three miles from Cristobal, C. Z.
Sill, Ft.—Southwestern Oklahoma.
Slocum, Ft.—On David's Island, one-half mile southwest of New Rochelle, N. Y.
Smallwood, Ft.—Subpost of Fort Howard, eleven miles southeast of Baltimore, Md.
Snelling, Ft.—Seven miles southeast of St. Paul, Minn.
Southern Field—Four miles north of Americus, Ga.
Sparta General Ordnance Depot—Sparta, Wis.
Springfield Armory—One mile out of Springfield, Mass.
Stanley, Camp—Twenty-four miles northeast of San Antonio, Tex.
Stark, Ft.—Three miles from Portmouth, N. H., subpost of Fort Constitution, N. H.
Staten Island—See General Hospital No. 41.
Stevens, Ft.—Opposite Fort Canby, at mouth of Columbia River, Ore.
Story, Ft.—Eighteen miles northwest of Norfolk, Va.
Strong, Ft.—On an island five miles from Boston, Mass.
Stuart, Camp—See Norfolk, Va.

Taliaferro Field—Fourteen miles north of Fort Worth, Tex.
Taylor, Camp Zachary—Five miles south of Louisville, Ky.
Taylor Field—Eighteen miles southeast of Montgomery, Ala.
Taylor, Ft.—Subpost of Key West Barracks, Key West, Fla.
Terry, Ft.—Long Island Sound, thirteen miles from New London, Conn.
Thomas, Ft.—Newport, Ky.
Tilden, Ft.—Three miles from Rockaway Park, L. I., N. Y.
Totten, Ft.—Two miles from Whitestone, L. I., N. Y.
Travis, Camp—Three miles northeast of San Antonio, Tex.
Tulleytown Arsenal—One and one-half miles from Tulleytown, Pa.
Tusco, Camp—Cement Plant, El Paso, Tex.

Upton, Camp—Sixty-three miles from New York, between Yaphank and Monorville, L. I., N. Y.

Vail, Camp Alfred—Four miles northwest of Long Beach, N. J.
Valdez—Alaska.
Vancouver Barracks—Vancouver, Wash.

Wadsworth, Camp (Zone Supply Office, Atlanta, Ga.)—Calvert, S. C., five miles southwest of Spartanburg, S. C.
Wadsworth, Ft.—Northeastern coast of Staten Island, N. Y.
Walter Reed Hospital—See General Hospital.
Ward, Ft.—Nine miles west of Seattle, Wash.
Warren, Ft.—On an island seven miles from Boston, Boston Harbor, Mass.
Washington Barracks—Washington, D. C.
Washington, Ft.—Twelve miles south of Washington, D. C.
Watertown Arsenal—Watertown, Mass.; six miles from Boston, Mass.
Watervliet Arsenal—Within city limits of Watervliet, N. Y.
Wayne, Ft. (C. Dept.)—Four miles southeast of Detroit, Mich.
West Point—West Point, N. Y.
Wetherill, Ft.—Subpost of Fort Adams, two miles from Newport, R. I.
Wheeler, Camp (Zone Supply Office, Atlanta, Ga.)—Seven miles southeast of Macon, Ga.
Whipple Barracks—See General Hospital No. 20.
Whitman, Ft.—Subpost of Fort Worden, Wash.
Williams, Ft.—Four miles from Portland, Me.
Wingate General Ordnance Depot — Ten miles east of Wingate, N. Mex.
Wood, Ft.—Bedloes Island, N. Y. Harbor.
Woodbury General Ordnance Depot—In New Jersey, six miles south of Philadelphia, Pa.
Worden, Ft.—Puget Sound, fifty-three miles from Seattle, Wash.
Wright, Ft. George—Four miles west of Spokane, Wash.
Wright, H. G., Ft.—Eight miles across sound from New London, Conn.
Wright, Wilbur, Air Service Depot—Fairfield, Ohio.

Forts and Fortifications (see also Army, Defenses, Public):
Appropriations for—
Bill for, defeated, 1388.
Recommended, 395, 471, 614, 688, 927, 955, 1388, 2711, 2895, 3993, 4798, 4833.
Armaments for, 770.
Appropriation for, recommended, 2895, 4798.
Recommended, 4271.
Board of Ordnance and Fortifications discussed, 5373.
Ceded to United States, 102, 146, 384.
Constructed with view to permanence, 630.
Construction of, progress made in, 635, 647, 677, 688, 800, 983, 1251.
Defense of, necessary, 435.
Expenditures for, 635, 907, 983.
In Lawrence, Kans., referred to, 3894.
Referred to, 99, 161, 178, 230, 297, 318, 614, 780, 894, 1785, 1807, 2266.
Requisite on seacoasts, 586, 688, 1901.
Sale of, on Staten Island to United States proposed, 934.
Sites for, referred to, 435.
Weakness of, 7371.

Forts Clinton and Montgomery (N. Y.), Loss of.—Forts Clinton and Montgomery were situated on the west side of the Hudson River, about 6 miles below West Point. Fort Montgomery was a large, unfinished work north of Poplopen Creek, its garrison consisting of one company of artillery, a few regulars, and some half-armed militia under Col. Lamb. Fort Clinton was south of the mouth of the creek, thoroughly built, and garrisoned by a few regulars and militia under Brig.-Gen. James Clinton. Oct. 6, 1777, these forts were stormed and carried by the British under Gen. Henry Clinton. The Americans lost about 300 in killed, wounded, and missing, besides 100 cannon and large quantities of ammunition. The British loss was about 200 killed and wounded.

Fortune Bay Outrages.—The treaty of Washington (q. v.) ratified in 1871, granted to American fishermen the right to take and cure fish on the Canadian coasts, and the Halifax Commission (q. v.) determined upon the compensation to be made for such privileges. The Newfoundlanders, however, continued to regard American fishermen as intruders, and in January, 1878, inhabitants of Fortune Bay, Newfoundland, attacked some Gloucester fishermen who were taking on cargoes of frozen herring, cut their nets and drove away the crews. The Newfoundland people asserted that the local laws were being violated. The British Government, however, decided that these could not stand in conflict with the treaty. The injured fishermen claimed damages amounting to $105,305, of which the British Government paid about $73,000. During President Cleveland's first administration (1884-1888) there was a renewal of the fishery disputes at Fortune Bay and other places along the Canadian coast. For a time feeling ran high in the United States, and retaliatory laws were enacted in 1888, and a *modus vivendi* was agreed upon. (See also Fisheries.)

Fortune Bay Outrages, discussed, 4518, 4542, 4558.
Claims arising out of, paid, 4625.

Fortunes, Large, incident to general prosperity, 6710.

"Forty-Niners."—Name by which the California gold seekers were known. (See illustration opposite 2019.)

Forum.—In ancient Rome, the space between the hills, which became the centre of the city's life. As such, all public discussion naturally gravitated around it; and hence in modern time a forum has come to signify a spot where all questions may be discussed and examined in the light of tolerance. Of late years, there has developed an extensive movement, known as the Forum movement, to stimulate free and open discussion of topics of public importance. Most forum meetings today consist of a set speech, after which the audience is privileged to ask questions of the speaker or speakers, and also to discuss its own point of view. The Forum movement stands for no particular philosophy, except that of freedom of speech and discussion; and it fails of its purpose unless it represents all angles of opinion.

Foundry, National, for cannon to be common to both Army and Navy of the United States, in order to regulate quality and secure uniformity, erection of, recommended, 1607, 1714.

Four Minute Men.—A group of volunteer speakers, organized by and acting under the Committee on Public Information (q. v.), who delivered in theaters and in other gathering-places speeches of four minutes' duration to assist the Liberty Loans (q. v.).

Four Years' Law.—In May, 1820, Congress passed a law making the term of certain postmasters and revenue collectors four years. Though it was claimed that the only object of the bill was to have public accounts submitted for inspection every four years, its effect was to greatly increase the power of the president in making appointments.

Fourth Assistant Postmaster-General. (See Assistant Postmasters-General.)

Fourth of July. (See Independence Day.)

Fourth of July Accidents.—In recent years much progress has been made toward securing a sane and rational celebration of the Fourth of July. A few cities like Trenton, N. J.; Cleveland, Ohio; Washington, D. C., and Baltimore, Md., have adopted ordinances prohibiting the sale and use of fireworks, and in New York, Chicago, Toledo, Ohio, and a few other cities the use of fireworks has been restricted. Injuries and fatalities due to the discharge of explosives on the Fourth of July are, however, still far too numerous.

From records kept by the *Journal of the American Medical Association* it is shown that the average number of casualties between 1904 and 1910 were 170 persons killed and 4,600 injured. The year preceding the taking of this average the number of persons killed was 466, and in 1911, after repeated caution and the passage of judicious city ordinances, only 57 persons were reported killed and some 1,500 injured.

The campaign against dangerous celebrations of Independence Day has steadily decreased the number of fatalities and accidents, as is shown by a comparison of the above statistics with those of 1916. In the latter year, the number of deaths (not one of which was due to tetanus, or lock-jaw) was but 30, and the number of non-fatal accidents was 820.

Fourth of July Claims.—This name is given to a class of claims arising during the Civil War. The claims were for quartermaster and commissary stores and supplies taken from loyal citizens in certain territory named for the use of and actually used by the Union armies. The first act of Congress providing for the payment of these claims was passed July 4, 1864, from which fact the name arose.

Fourth of July Claims (see also War Claims):

Payment of, referred to, 4148.

Transfer of, to Southern Claims Commission recommended, 4361, 4425.

Fox Reservation. (See Sac and Fox Reservation.)

Fox River, Wis., act regarding improvement of, vetoed, 4336.

France.—France is the most westerly state of Central Europe, extending from 42° 20′ to 51° 5′ N. latitude and from 7° 45′ E. to 4° 45′ W. longitude. It is bounded northwest by the North Sea, Straits of Dover and the English Channel; west by the Atlantic Ocean; southwest and south by Spain; southeast by the Mediterranean; east by Italy, Switzerland and Germany; and northeast by Belgium. The greatest length from north to south is 600 miles; the greatest breadth from east to west 530 miles. Its 3,300 miles of boundary are nearly two-thirds water, 400 miles being Mediterranean, 700 North Sea, etc., and 900 Atlantic.

Physical Features.—The Pyrenees, which divide France from Spain, extend from the Atlantic to the Gulf of Lyons, the highest point in French territory being the Vignemale (10,800 feet) in the center of the range. The Alps form the eastern frontier of France, their highest point (the highest summit of Europe) being Mont Blanc (15,800 feet) near the junction of the Franco-Swiss-Italian frontier. The narrow Rhone valley separates the Alps from the mountainous region of south-central France. The Rhone rises in Mont St. Gothard (Switzerland), and at Lyons is joined by the Saône from the Faucilles and Vosges. The Garonne rises in the Spanish Pyrenees, flows into the Atlantic as the Gironde. The Charente rises in Haute Vienne, and flows into the Atlantic near Rochefort. The Loire rises in the Vivarais Mountains and flows into the Atlantic at St. Nazaire. The Seine rises in the Langres plateau, and flows into the English Channel at Havre. The Rhine and the Meuse both rise in French territory (in the northeast), but their main course is in Germany and Belgium.

Area and Population.—The latest official figures of population are those of the 1911 census, 39,602,258. The area of Continental France in that year was 207,054 square miles. In 1920, France received as one of the settlements of the World War the former German provinces of Alsace and Lorraine, which had been annexed by Germany from France after the Franco-Prussian War of 1870-1. The area of Alsace-Lorraine as re-incorporated in France in 1920 was 5,604 square miles, its population in 1911 being 1,874,014, bringing the total area of Continental France to 212,658 square miles and the population, as of 1911, to 41,476,072. Of recent years the population of France has remained practically stationary, and the losses of France in the World War have probably brought the present population close to the 40,000,000 mark.

The last census showed 20,931,000 active workers, of whom 7,719,000 were females. They were distributed as follows:

Agriculture and Forestry	8,517,000
Manufacturing	5,746,000
Commerce	2,053,000
Transport, etc.	1,543,000
Public Service and Army	1,292,000
Domestic Service, etc.	929,000
Liberal Professions	550,000
Mines and Quarries	246,000
Fisheries	55,000

History.—France was known as Gaul to the Romans, who completed its conquest under Julius Caesar in 50 B. C. With the decline of the Roman Empire in the fifth century A. D., Gaul fell under the sway

of the barbarian tribes which had conquered the Roman realm. The kings of one of these tribes, the Francs, gained control before the end of the century, and under Charlemagne France became a powerful kingdom in the early part of the ninth century. However, the kingdom then became dissolved and in the succeeding centuries France was under the sway of the feudal system, with innumerable petty nobles in control of their own regions disputing successfully the power of the central authority. The country later was torn by civil and by foreign wars, especially with England.

But by the fifteenth century, the growing power of the king weakened the hold of the feudal system upon France, and in the succeeding centuries France entered upon unparalleled prosperity and power, representing in most respects the highest civilization to be found at that time in Europe. But the increasing misery of the people, the unwillingness and mental inability of the ruling classes to effect a more equitable distribution of happiness, the new ideals of liberty which were being promulgated and, especially, economic changes which were preventing the bulk of the populace from maintaining a pretense of a decent living culminated in 1789 in the French Revolution.

After a decade of sweeping change, coupled with much ferocity, the Revolution was conquered by Napoleon Bonaparte, who was later crowned Emperor. Under Napoleon, France was involved in constant wars against the other Powers of Europe, until Napoleon was defeated in 1814 and again in 1815 (at Waterloo), and the Bourbon dynasty restored.

The last one hundred years of French internal history have been volcanic. The reactionary rule of the Bourbons brought on a revolution in 1830, and Louis Phillippe was placed upon the throne. In 1848, the revolutionary wave that swept over Europe disestablished the monarchy in France once more and led to the formation of the Second Republic under Louis Napoleon. By a *coup d'état* he set up a new government in 1851 and in 1852 became Emperor Napoleon III. After the defeat of Austria by the rapidly-growing Prussia in 1866, Napoleon determined to thwart the Prussian threat of dominating Europe, and was tricked by Bismarck into declaring war on Prussia in 1870.

In the Franco-Prussian War, France suffered a rapid and complete defeat, together with an overwhelming decline in prestige and the loss of Alsace-Lorraine. One result was the establishment of the Third (the present) Republic. After the Franco-Prussian War, France's foreign policy centred around hopes of regaining a position of strength in international affairs, as Germany's policy was to keep France subdued. Toward the end of the century, France managed to consummate an offensive and defensive alliance with Russia, to which England was added in 1905, after England and Germany had become hostile instead of friendly. By this time, France had acquired colonies in Africa on a large scale, and in the first years of the twentieth century her colonial disputes with Germany over Morocco on two occasions almost embroiled Europe in war. With the outbreak of the World War in 1914, France went immediately to Russia's aid, was at once invaded by Germany, who occupied much of northern France, which was completely desolated by the havoc of modern warfare, until Germany surrendered in November, 1918. France emerged from the war weak both financially and economically, but the terms of peace with Germany were such as to assure to France an extremely favored position in the future economic life of Europe.

Government.—The basis of the present French Government is the constitutional laws of 1875, 1879, 1884, 1885, and 1889. The executive power is vested in the President and in a cabinet headed by the Prime minister (who is the real head of Government). The Administration is responsible to the Chamber of Deputies, and in practice cannot remain in office without its support. The President is elected for seven years, by an absolute majority of votes in a joint session of the Senate and Chamber of Deputies meeting as a National Assembly. He selects the ministry and concludes treaties, although treaties which affect French territory require the assent of the Parliament. With the consent of the Senate, he may dissolve the Chamber of Deputies.

The members of the cabinet, each of whom is in charge of an executive department, are usually, but not necessarily, Senators or Deputies. The number of these ministers varies, although the most recent number is fourteen.

The Chamber of Deputies is elected for four years by manhood suffrage. The most recent Chamber to be elected had 602 members. The Senate is composed of 300 members elected for nine years, one-third retiring every three years. The elections are indirect. There are 225 Senators elected by electoral bodies composed of delegates from the municipal councils of the several communes in proportion to population and the deputies, councillors-general and district councillors of the department. There are also 75 Senators elected for life by the united two chambers in 1875, but by law of 1884 vacancies of life senators are filled by the election of nine-year Senators, as described above, the vacant seat being assigned to a department by lot.

There is also a Council of State, presided over by the Minister of Justice, and composed of councillors, masters of requests and auditors, all of whom are appointed by the President of the Republic. Its duties are advisory.

France is divided into 87 departments and the three departments of Algeria. Each department is administered by a prefect, nominated by the Government, who has extensive powers, not very carefully defined. He is assisted by the Prefecture Council, which is both administrative and advisory. The unit of local government is the commune. In 1911, there were in France 36,241 communes. The local affairs are under an elected municipal council which elects a mayor, who is ipso facto the chief of police. The councils' laws must be approved by the prefects or other branches of the central government. The Municipal Council of Paris has 80 members.

The Prefect of the Seine in effect is the Mayor of Paris, although there is a separate prefect for the Paris police force.

A number of communes form a canton, of which there were 2,915 in 1911. Several of the largest communes, on the other hand, are divided into cantons. The canton is a unit, not of administration, but of justice.

The next unit is the arrondissement (362 in France). Each arrondissement has a

council, with as many members as there are cantons within it, whose chief function is to allot to the several cantons their shares of the taxes assigned to the arrondissement by the General Council. The number of arrondissements in a department varies.

The lowest Courts are those of the Juges de Paix in each of the 3,005 cantons, where minor civil and criminal cases are determined. More serious charges are dealt with by the tribunaux de première instance in each of the 377 arrondissements, the 227 tribunaux de commerce dealing with mercantile cases. Appeals from the tribunals are heard in twenty-six courts of appeal, throughout the Republic. Assizes are also held periodically in each department, with juries, whose verdict depends on a mere majority. The highest tribunal is the Cour de Cassation at Paris. In criminal cases a preliminary inquiry is held in secret by a judge d'instruction, who may dismiss the accused or remand the case for prosecution by a procureur before a criminal tribunal. All judges are appointed by the President of the Republic. Transportation to a penal colony (New Caledonia or Guiana) is in force for convicts condemned to hard labor.

Education.—The educational system of France is highly developed. The Central Administration comprises (a) Ministry of Public Instruction; (b) Superior Educational Council, charged with the actual administration; (c) Consultative Committee (advisory); (d) Educational Bureaux and Inspecting Staffs, whose heads report direct to the Minister. By the Law of July, 1904, all congregationist institutions are to be suppressed within ten years, and many were at once closed. Primary Education is secular, compulsory and free. Age 6-13. Special Schools are numerous, many public institutions being dependent on ministries other than that of Public Instruction; the Ecole des Beaux Arts, the Conservatoire de Musique et Déclamation at Paris, and the School of Forestry at Nancy being justly famous. In addition to Paris University, there are Universities at Aix, Algiers, Angers, Bordeaux, Caen, Clermont, Dijon, Grenoble, Lille, Lyon, Marseilles, Montauban, Montpelier, Nancy, Nantes, Poitiers, Rennes, and Toulouse.

Latest figures show 5,669,251 pupils in primary schools, of which about 18% were in private schools. There were 166 primary normal schools. The total cost of primary instruction was $45,000,000 annually.

Secondary instruction for boys is given by the State in lycées and by the communes in colleges, as well as by voluntary associations and individuals. Latest figures show 112 lycées, with 63,000 pupils, and 231 communal colleges, with 37,000 pupils. There were about 175 lycées and colleges for girls, with some 35,000 pupils.

The total cost of education is about $80,000,000 annually.

Since 1905, church and state have been separate and at the present time no religion is officially recognized by the state. Most of the people are Roman Catholics.

Finance.—Before the World War, the annual budget was in the neighborhood of $1,000,000,000. During the last year of the war the budget estimates were $10,000,000,000.

Before the War, the debt was very large, in the neighborhood of $6,000,000,000, with an annual interest charge of $290,000,000. At the close of the War, the internal debt stood at $23,000,000,000 and the foreign debt at $6,000,000,000, a total of $29,000,000,000. The unit of currency is the franc, equal to $.193 of United States money in normal times.

Army and Navy.—The figures for the military forces during and after the World War were naturally unofficial and unreliable. For their status before the War, see Armies of the World. For the Navy, see Navies of the World. Service in the army is compulsory, and universal in a strict sense of the term. Liability for service lies between the ages of 20 and 48, and since 1913 youths have had to serve three years in the active army, beginning at the age of 20. The soldier then belongs to the reserve for 11 years, then to the territorial army for 7 years, then to the territorial reserve for 7 years.

Production and Industry.—France is predominantly an agricultural country. Most of the holdings are small. The greatest acreage is given to wheat. There is much attention to fruit and to vine-growing, but the live stock is of secondary importance and is not sufficient to supply the demands of the people in normal times. The fishing trade is extensive.

Latest figures show that before the World War about 19% of the land was under forests and about 7% was moor and uncultivable. About 45% of the area was arable. In 1915, the land was given over chiefly, in order, to wheat, oats, potatoes, rye and barley, the chief crops, according to quantity, being potatoes, wheat, oats, and sugar beets. There are some 3,765,000 acres under vines. Latest figures show the annual production as follows, in terms of metric tons:

Potatoes	10,922,080
Wheat	3,923,100
Oats	3,466,300
Wine	841,000,000 gal.
Apples	3,600,000
Pears	84,030
Chestnuts	133,090
Peaches	29,500
Sugar Beets	2,108,500
Barley	861,300
Rye	699,000
Cider	573,000,000 gal.
Olives	170,600
Cherries	30,234
Walnuts	42,000
Plums	30,000

Silk production is prosecuted with Government support. Before the War, there were 83,000 producers, with a total production of 5,067,000 kilograms, valued at $4,900,000.

Latest figures show the farm animals as follows:

Horses	2,282,560	Mules	150,115
Asses	325,000	Cattle	12,443,000
Sheep, Lambs	10,586,594	Pigs	4,202,280

Before the World War, the chief mineral produced was coal. The destruction wrought by the German armies in their occupancy of most of France's coal fields served the effect of crippling the French coal production for some time, but by the terms of the Peace Treaty with Germany, Germany must in recompense furnish France yearly with extremely large percentages of Germany's coal supply. In addition, the return of Alsace-Lorraine provided France with rich iron ore and coal fields.

The lack of coal has hindered the development of manufacturing in France and made it largely an agricultural country. However, water-power is widely used. Outside of coal and iron, the mineral production is unimportant, although there are good supplies of stone and other building materials. In 1913, the production of minerals was as follows, in metric tons:

Coal and Lignite	40,844,218
Iron Ore	21,918,000
Pig Iron	5,207,000
Finished iron and steel products	406,000
Worked Steel	3,186,000
Coal output (1914)	29,786,500
Lead and Silver Ores	17,000
Zinc Ores	466,577
Quarry output value	58,000,000

There is a great amount of manufacture of fine and delicate goods in France. The most recent census of occupations in manufacturing showed the numbers engaged in the different branches as follows:

Clothing, all kinds	938,905
Wood-work	704,695
Building, earth-work, etc	550,130
Leather-work	334,203
Iron-work, tool-making, etc	291,246
Foundry-work	282,656
Linen-work and garments	212,716
Baking, etc	206,853
Textiles—	
Wool	171,349
Cotton	167,200
Silk	124,000
Pottery	166,831
Lace-work	156,554
Milling, etc	101,693

There are 65 sugar-works, yielding about 500,000 tons annually in normal times. There are about 155,000 persons engaged in fishing, including those working in the Algerian fisheries.

Commerce.—During the World War, imports into France came chiefly from the United States and the United Kingdom; and exports went chiefly, in order, to the United Kingdom, Italy, United States, Russia, Algeria and Switzerland. The chief imports were cereals, coal and coke, machinery, raw cotton, chemicals, and copper. The chief exports were silk textiles, cotton textiles, wine and raw silk.

In 1913, the United States exported into France goods valued at $146,100,200 and imported from France goods valued at $136,878,000. In the fiscal year 1919-1920, the United States exported to France goods valued at $716,811,629, and imported thence goods valued at $172,022,935. In normal times, the chief ports are Marseilles, Rouen, Bordeaux and Le Havre.

Communications. — Latest figures show 25,633 miles of railways, chiefly in six great companies, one of which is Governmental. There are 16,000 post-offices and 120,500 miles of telegraphs, with 450,000 miles of wire, and 23,000 telegraph offices, most of which belong to the state system.

The census figures for the population of the largest towns are as follows:

Paris (capital)	2,888,000
Marseilles	551,000
Lyons	524,000
Bordeaux	262,000
Lille	218,000
Nantes	171,000

FRENCH COLONIES.—The Colonial possessions of the French Republic have a total area of 13,746,555 square kilometres (5,307,550 square miles), including Algeria (which is an integral part of France) and Morocco, in which country French influence is predominant. The following Table exhibits the area and population of French territory outside of Europe:

Possessions	*Sq. Miles*	*Population*
Asia—		
French India	200	270,000
French Indo-China	256,000	17,000,000
Syria (mandate)	60,000	2,750,000
Total, Asia	316,200	20,020,000
Africa—		
Algeria	220,000	5,600,000
Tunis	50,000	2,000,000
Morocco	231,500	5,750,000
French Equatorial Africa	670,000	9,000,000
French Togoland	20,100	750,000
French Somali Coast	5,800	205,000
French West Africa and the Sahara	3,245,000	12,000,000
Madagascar	228,000	3,545,000
Kamerun	274,000	3,500,000
Islands	1,700	257,000
Total, Africa	4,946,000	62,607,000
America—		
St. Pierre & Miquelon	93	4,650
Guadeloupe	722	215,000
Martinique	385	195,000
French Guiana	34,000	50,000
Total, America	35,000	465,000
Oceania—		
New Caledonia	7,650	50,000
Tahiti, etc	1,545	30,000
Total, Oceania	9,000	80,000
Kerguelen, St. Paul and Amsterdam Islands	1,350	.....
Grand Total	5,307,550	83,172,000

AMERICAN POSSESSIONS.—France possesses two small groups of islands off the southeast coast of Newfoundland, of which St. Pierre and Miquelon are the largest respectively; their combined area is 93 square miles, with a total population of 4,650; and they form an excellent basis for the French cod fishery.

In the West Indies two of the most fertile of the Lesser Antilles belong to France, viz., Martinique (capital Port de France), area about 385 square miles; population of 195,000; and Guadaloupe and Basse Terre (capital Pointe-à-Pitre), area, 722 square miles, population, 215,000.

Trade with United States.—Latest figures show that the United States exports annually to the French West Indies goods valued at $6,000,000 and imports thence goods valued at $125,000; and exports to French Guiana goods valued at $675,000, as compared with imports of $69,000.

In South America, Cayenne or French Guiana has an area of 34,000 square miles, and an estimated population of approximately 50,000.

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France, Treaties with.—The basis of diplomatic relations of the United States with France was the treaty of amity and commerce of 1778, abrogated by Congress on July 7, 1798. In this abrogation was also included the treaty of alliance with France to carry on war with Great Britain. In 1782 an agreement was made to repay in twelve equal annual installments of 1,500,000 livres, the indebtedness of 18,000,000 livres to the king of France; and the loan of 10,000,000 livres to the king of Holland. In 1783, a new loan of 6,000,000 livres was negotiated from France, and its repayment provided for by treaty of that year. A consular convention of 1788 was abrogated by the act of 1798. The treaty of amity, peace and commerce, of 1800, expired by its own limitations in 1809.

The treaty of 1803 ceded Louisiana to the United States in what is now known as the Louisiana Purchase, and is of historical importance as defining the extent of the cession. The convention of 1803 provided for the purchase money of Louisiana out of $11,250,000 six per cent stock in annual payments of not less than $3,000,000, to commence after fifteen years from the date of ratification of the treaty. A claims convention of 1803 provided for the payment of claims of United States citizens against France, not to exceed 60,000,000 francs.

The convention of navigation and commerce of 1822 provided that United States goods imported into France in American bottoms should pay twenty per cent more duty than when carried in French bottoms. Goods of French manufacture, produce, or growth, imported into the United States should pay an excess duty not to exceed $3.75 per ton of merchandise over that charged upon similar goods when carried in American bottoms. These excess duties shall not apply to goods of either country imported for the express purpose of re-exportation, however carried. To facilitate the estimation of a ton of merchandise not usually so computed, quantities of certain classes of goods are specified as making a ton. Other excess charges than

those already specified shall never exceed, on United States vessels in France, five francs per ton, computed on its American register, and for French vessels in the United States, ninety-four cents per ton, computed on the vessel's French passport. Provision is made for the arrest, transport, and punishment of deserting or mutinous sailors when in the country of the other. The life of the treaty was specified as two years, and failing notice of intention to terminate by either party at the expiration of that date, to continue in force until such notice should be given. If no such notice be given within the period, it was agreed that the excess duties provided for in the first sections of the treaty should diminish by one-fourth of their whole amount year by year until extinguished. (For the extradition treaty of 1843, see Extradition Treaties. For the consular convention of 1853, see Consular Conventions. For the trade-mark convention of 1869, see Trade-Mark Conventions.)

A reciprocal agreement of 1898 specified that mutual concessions on the rates of duties on certain classes of goods be made by each country to be continued during the pleasure of the two contracting parties. By an amendment, made in 1902, it was agreed that the provisions of this agreement extend to Algeria and Porto Rico.

In 1904 the United States renounced the right of invoking in Tunis the stipulations of the treaties made between the United States and the Bey of Tunis in August, 1797, and February, 1824, in return for which the French government assured to the consuls and citizens of the United States in Tunis the same rights accorded them in France. Mutual protection of trade-marks in China was agreed to in 1905. The reciprocal trade agreement of 1908 was terminated under the tariff act of 1909.

An arbitration agreement in accordance with the provisions of The Hague convention of 1899 was signed Feb. 10, 1908, and renewed in 1909.

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Franking Privilege.—A right enjoyed by Government officials of sending letters and packages free by mail. It was first granted by Congress in January, 1776, to private soldiers actually in service, and was gradually extended to the President, Vice-President, Cabinet officers, members of Congress, bureau officials, postmasters, etc. The franking privilege covered letters, newspapers, executive papers, documents, and printed matter. Many abuses grew up under the system, and Postmaster-General Creswell, in his report, in 1872, estimated that the franked matter, if paid for, would yield a revenue of $3,500,000. Jan. 31, 1873, Congress passed an act entirely abolishing the privilege. Certain features have since been restored. By acts passed June 23, 1847, and March 3, 1875, those documents ordered printed for the use of Congress were admitted for free transmission through the mails and the privilege was restored to President, Vice-President and Cabinet officers with regard to their official correspondence. By special acts the privilege has been extended to widows of Presidents. The act of Jan. 12, 1895, gives to members of Congress the right to frank through the mails all correspondence not exceeding one ounce in weight on official and departmental business.

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Franklin at French Court. (See illustration opposite 98.)

Franklin or Frankland.—The first constitution of North Carolina made provisions for a future state within her limits on the western side of the Alleghany Mountains. In May, 1784, North Carolina ceded to the United States her territory west of the Alleghanies, provided Congress would accept it within two years. The general opinion among the settlers and people of that territory was that it would not be accepted by Congress, and in this they were correct. For a period of two years, not being under the protection of the Government of the United States nor of the State of North Carolina, they could not receive support from abroad and could not command their own resources at home, for the state had subjected them to the payment of taxes to the United States Government. During this period of uncertainty the Indians were committing frequent depredations, which added to the discontent among the settlers. Under these circumstances a majority of the people within the territory concluded to adopt a constitution and organize a state of their own. This they proceeded to do, and called a convention, which met at Jonesboro Aug. 23, 1784. Delegates assembled from portions of the territory and appointed a committee to consider their condition. The convention adjourned after issuing an address to the people.

In the following November the delegates again assembled at Jonesboro. They did not adopt a constitution, but broke up in confusion because of the fact that in October of that year North Carolina repealed the act of cession. Dec. 14, 1784, another convention assembled at Jonesboro and adopted a constitution which was to be ratified or rejected by a convention called to meet at Greenville, Nov. 14, 1785. In the meantime a general assembly was elected, which met at Greenville early in 1785 and chose John Sevier for governor and other officers. The new state which they attempted thus to create was named in honor of Benjamin Franklin, and is therefore properly called Franklin and not Frankland. It is not perfectly clear that at first these people intended the new state to become part of the Union. One of the provisions in their proposed form of government was that "the inhabitants within the limits of the proposed state agree

with each other to form themselves into a free, sovereign, and independent body politic or state by the name of the Commonwealth of Franklin." Later they concluded they would seek admission to the Union, and accordingly they made an effort to have Congress recognize the new state.

The boundary lines of the proposed state show that it included what are now fifteen counties of Virginia, six of West Virginia, one-third of Kentucky, one-half of Tennessee, two-thirds of Alabama, and at least one-fourth of Georgia. This territory is rich in mineral wealth. There is probably more iron and coal in it than can be found in the same area elsewhere in the United States. The convention met in Greenville in November, 1785, to adopt a constitution, but when the constitution proposed was submitted it was rejected and in lieu thereof the constitution of North Carolina was adopted.

This was the beginning of the trouble which ended in the overthrow of the state. The assembly or legislature of the state continued to meet for several years, during which time dual governments existed in the territory. Courts were held in the same counties, one under the Franklin and the other under the North Carolina government; the same militia was called out by officers appointed by each government; laws were passed by assemblies of both states; taxes were laid by authority of both states, but as the people said they did not know which government had the right to receive their taxes, they adopted the easy solution of paying to neither. The people of the territory became divided, some adhering to Governor Sevier, while others yielded to the authority of North Carolina. Acts of violence were committed by one party against the other, the provocation on the one side being surpassed in the way of retaliation by a still greater provocation on the other. In October, 1788, Sevier was arrested and carried to North Carolina for trial, his property having been attached in January or February of that year. Soon after his arrest the government of Franklin collapsed and North Carolina passed an act of "pardon and oblivion," resuming her authority over these people. Later North Carolina passed a second act ceding the territory to the United States, and Aug. 7, 1790, President Washington appointed William Blount governor of the territory. The State of Tennessee was soon thereafter organized out of this territory.

Franklin (Tenn.), Battle of.—Trying to draw Sherman out of Georgia, early in September, 1864, Hood with 35,000 men marched north out of Atlanta, aiming at Sherman's communications with Nashville. Schofield, commanding the Union armies in the field protecting Nashville, fell back, until he reached Franklin, on the Harpeth River, about eighteen miles south of Nashville, where Hood fell upon him. The rebels shattered two brigades of Wagner's division and broke Schofield's line, but were checked by a fierce charge of one of Wagner's brigades under Opdycke. Several other Confederate assaults were checked until Schofield managed to take all his troops across the Harpeth, and by dawn the Unionists were again withdrawing. The Unionists admitted a loss of 189 killed, 1,033 wounded and 1,104 missing and claimed a Confederate loss of 1,750 killed, 3,800 wounded and 702 prisoners.

Fraser, Trenholm Co., agents of Confederate Government, suits instituted in English courts against, 3661.

Fraternal Bodies.—These are widespread, numerous and powerful organizations designed to foster the spirit of brotherhood among their members. Practically all are secret and have secret rituals and codes peculiar to themselves, and in addition render aid to their members in need. The organization is usually on the system of lodges and the societies are not operated for profit, in most cases having no capital stock. The system of insurance and relief, the original basis of organization of many of the orders, is now receding into the background. The most prominent fraternal bodies in the United States are as follows:

Masons, Ancient and Honorable Fraternity of Free and Accepted.—Modern Masonic historians do not credit the stories that the origin of Masonry lies with the building of Solomon's Temple, or the Flood, or the era of Isis and Osiris in Egypt; but emphasize the fact that modern Masonry dates back to the amalgamation of four Masonic lodges in London in 1717. A few separate lodges have been traced back a century or so earlier, after which definite lodge records are missing.

The four lodges uniting in 1717 were almost certainly survivors of the mediaeval guilds of masons. Guilds were associations of workers in the various trades, somewhat like our craft trade unions of the present day. They were organized for self-protection, rendered many benefits to their needy members and had many secret rituals, not always concerned with their crafts. The masons' guilds were especially strong, because their services in building cathedrals gave them the protection of the Church, and rendered them free from legal restrictions upon other guilds—hence "Free" masons. The masons often were itinerant in the Middle Ages. There are records of congresses of masons as early as 926, when a code of laws was adopted, and again in 1275 and 1375, when a fraternity was formed with the degrees of apprentice, craftsman and master.

But with decline in cathedral building and the end of the mediaeval period, with the Protestant Reformation and the Thirty Years War, the masons' guilds, like most other guilds, all but disappeared. (In France and Germany, they seem to have disappeared completely.) The few remaining bodies of masons began to accept into their membership men not of the mason's craft,—hence "Accepted" masons. Probably most of the ancient symbols of Masonry were added to the order by learned scholars and antiquarians who became Accepted Masons in the years immediately preceding and following 1717. Thus an Accepted Mason who was also a Rosicrucian imposed the Rosicrucian symbols of the double and single triangles, a point within a circle and the hexagon. The masons themselves were obviously responsible for the square and compass. The legend of the master's degree probably was derived from the Companionage, a fraternity of French builders organized in France after the disappearance of the French masons' guilds.

After the organization of the Grand Lodge in 1717, the Masons grew rapidly. By 1724, the one degree had grown into three, and soon many new degrees and a multitude of new symbols were added. Many of the most prominent men in England joined. A schism arose from the secession of nine lodges in 1751, and was not healed until 1813. The seceders claimed that the ancient rites were being ignored, and hence called themselves "Ancients" and the original body "Moderns."

Masonry spread to France in 1721 and to America (Pennsylvania) in 1730. The Scotch masons' guilds did not join the English body for some years after 1717, and the separate Scotch rites long enjoyed a great vogue, especially in France. The Scotch rites came to America from France in 1762-3, and at Charleston, S. C., were made the basis of a new Masonic system. Masonic membership requires a belief in a Supreme Being and the immortality of the soul. There are about 2,700,000 Masons in the world, of whom 2,043,133 are in the United States.

Odd Fellows, Independent Order of.—The English progenitor of the Odd Fellows order dates back well into the eighteenth century. Probably it was organized as a rival of Masonry. There is a traditional record of Aristarchus Lodge No. 9 meeting in London in 1748, but the first verified mention of the name "Odd Fellow" is in 1780 and the earliest verified ritual has been traced back to 1797. Possibly the order rose from the "Ancient and Most Noble Order of Bucks," which came to an end in 1773.

Late in the eighteenth century, the order's meetings, like those of all other secret societies except the Masons, were forbidden by law; but in the first years of the nineteenth century, the order was revived, and a Grand Lodge was formed in 1803. In 1809, the Manchester branch seceded, constituted itself a new Grand Lodge, and formed an Independent order. This "Independent" Manchester order soon achieved dominance in England, and it fostered the introduction of the order into the United States in 1819, when five Odd Fellows, who had emigrated from England, formed, under the leadership of Thomas Wildey, a lodge in Baltimore. Records show earlier American lodges, the first formed in New York on December 26, 1806, but these lodges finally came to yield jurisdiction to the Baltimore group. The American order declared itself independent of the English order in 1842-3.

The basis of the organization of the order was relief and care for its needy members. There are three degrees, members of the third being eligible to the Encampment, also of three degrees. Encampment members who have taken the Royal Purple degree are eligible to be Patriarchs Militant. The negro Odd Fellow lodges in the United States are affiliated with the English, not the American, order. It is estimated that there are 2,225,000 Odd Fellows in the United States, 150,000 negro members, and 1,600,000 in England. The *Rebekah* degree for women, established in 1851, has some 800,000 members.

Elks, Benevolent and Protective Order of.—Organized in New York City on February 16, 1868, from a social club known as the Jolly Corks, composed chiefly of actors. Grand Lodge incorporated on March 10, 1871. A notable ceremony of the order is the annual memorial service for its dead, held annually on the first Sunday in December. Membership, 645,000.

Eagles, Fraternal Order of.—Founded in 1898. General offices, Kansas City, Mo. Membership, 410,000.

Eastern Star, Order of the.—This order, with a membership of some 1,000,000, is composed of Masons and their wives, sisters, mothers, widows and daughters. It is not directly affiliated with Masonry, however. The order was founded in the United States in Revolutionary times, probably by French officers. The oldest present chapter as an organization dates from 1866.

Hibernians, Ancient Order of.—A body of Catholic Irishmen, organized originally for the protection of the Catholic priesthood, but now for the advancement of the cause of Irish nationalism. Organized around the middle of the seventeenth century by Rory O'Moore, it was first known as "The Defenders," but its roots go back hundreds of years earlier into Irish history. The order was reorganized under its present name in 1829, and soon spread to England and Scotland. The order in the United States, dating from 1836, is affiliated with the parent body in Ireland. Membership, about 225,000.

Knights of Pythias.—This order was founded in Washington, D. C., by Julius Rathbone and five associates. A new constitution was adopted in 1868, and the insurance branch dates from 1877. Another branch is known as the *Uniform Rank*. The women's affiliation was organized in 1888 and is known as the order of *Rathbone Sisters*. Pythian Knighthood consists of three ranks or degrees—Page (Initiatory); Armorial (Esquire); Chivalric (Knight). Motto—"Be brave, generous and true." Membership, about 750,000

Red Men, Improved Order of.—This society claims succession from the Sons of Liberty and other Revolutionary War societies. It was organized in Baltimore in 1834, a Great Council created, the ritual revised. Female relatives are eligible to the degree of *Pocahontas*. The order contains a Red Men's League, or Uniformed Rank. The emblem is the eagle; the motto, "Freedom, Friendship and Charity;" and the membership, about 500,000.

Knights of Columbus.—(See Knights of Columbus.)

Moose, Loyal Order of.—Founded in Louisville, Kentucky, by Dr. J. H. Wilson. The first lodge was established in Cincinnati. The governing board is the Supreme Lodge. Membership, 670,000.

Woodmen of the World, Sovereign Camp.—This order was founded in 1890 at Omaha, Neb., by Joseph C. Root. The governing body is the Sovereign Camp of the World and local lodges are known as camps. There is an affiliated women's circle, governed by the Supreme Forest, with a membership of 250,000. The Woodmen of the World has a membership of 985,000.

Woodmen of America, Fraternity of, Modern.—This order was founded at Lyons, Iowa, by Joseph C. Root, in 1883, and chartered in Illinois in the following year. The divisions of branches are known as camps. The women's auxiliary, the Royal Neighbors of America, has a membership around 390,000. The membership of the order is 1,075,000.

American Mechanics, Junior Order of United.—This body was organized in Germantown, Pa., as a branch of the Order of United American Mechanics to prepare young Americans for membership in the latter. The order became independent of the parent body in 1885, and abolished its age limitation for membership. It stands for restricted immigration, protection to Americans, the American flag on and the reading of the Bible in the public schools; and also offers sick and funeral benefits to its members. Its membership is about 325,000.

United Workmen, Ancient Order of.—Founded in 1868. Present membership, about 400,000.

Frayer's Farm (Va.), Battle of.—One of the Seven Days' Battles before Richmond.

June 30, 1862, Longstreet and A. P. Hill crossed the Chickahominy in pursuit of McClellan's retreating army. Huger and Magruder marched around the White Oak Swamp to operate on his flank, and a brigade was brought over the James River from Fort Darling. At 4 o'clock in the afternoon Longstreet and Hill made the attack. Huger and Magruder failed to arrive. The fighting was furious and the advantage with the Confederates. Nearly one-fourth of McCall's division, upon whom the attack was made, were killed. Of the Confederate loss Gen. Pryor, of the Fifth Brigade of Longstreet's corps, reported the Fourteenth Alabama Regiment nearly annihilated. Of the 1,400 men with whom he crossed the Chickahominy June 26, 860 had been lost up to this time.

Fredericksburg (Va.), Battle of.—After the battle of Antietam (or Sharpsburg) McClellan occupied Harpers Ferry Sept. 22, 1862. Nov. 7 he was relieved of his command by Gen. Burnside. Lee's army was at that time at Culpeper and westward of the Blue Ridge Mountains. Burnside divided the army, now numbering about 110,000 men, into three grand divisions of two corps each. By Nov. 17 he had moved this army down the left bank of the Rappahannock to Falmouth, opposite Fredericksburg. Here the advance was delayed, awaiting the pontoon train from Washington. In the meantime Lee had concentrated the Confederate army of about 80,000 in the hills behind Fredericksburg. Dec. 11, 1862, the pontoons were laid, and on the 12th Franklin's division crossed. The Union forces were formed with Franklin on the left, Hooker's division in the center, and Sumner's on the right. The battle was opened by Franklin on the morning of the 13th, and continued in a series of disconnected and unsuccessful attacks on the Confederate works until night. On the 14th and 15th a truce was obtained by the Federals for burying their dead. On the evening of the latter day they retired across the river and the Confederates again occupied Fredericksburg. The Federal losses were 1,284 killed, 9,600 wounded, and 1,769 missing—a total of 12,653. The Confederates lost 608 killed, 4,116 wounded, and 653 captured or missing—a total of 5,377. Later in the month the Federal army went into winter quarters at Falmouth, and Jan. 25, 1863, Burnside was relieved of the command at his own request.

Fredericksburg, Va., Battle of, 3360.

Free Banking System.—April 11, 1838, the New York legislature passed the free-bank act, under the provisions of which any person or persons might establish a bank by depositing stocks, bonds, and mortgages as security for its circulating notes. This law was afterwards amended, requiring at least half of the securities to be New York State stocks. Previous to the passage of the free banking law of New York charters were granted by special act of the legislatures of various states, and their circulating medium was often far in excess of their capital. This caused heavy losses to note holders. The action of the New York legislature was followed by that of many other states and was made the basis of the national banking act of 1863. (See also Banks; Currency; Finances.)

Free Coinage of Silver. (See Silver Coinage, under Coins and Coinage; and also Bi-metallism.)

Free-Delivery System (see Post-Office, Department, of):
- Discussed and recommendations regarding, 4204, 4769, 4836, 4937, 5102, 5376, 5756, 5881, 5971.
- Extension of, to towns of 5,000 population recommended, 5633.
- Inadequate facilities extended rural districts, 5633, 6451.

Freedom of Speech and Press:
- Guaranteed, 6, 28.
- War-time, discussed, 8358, 8814.

Freedom of the Seas (See also War of 1812; Germany; World War; Wilson, Woodrow):
- American support of, traditional, 8283.
- Necessity for, 8202, 8424.
- Peace Resolution of Congress does not provide for, 8851.
- Reservation concerning, in armistice terms of World War, 8612.

Free List. (See Import Duties.)

Free Negroes.—The first census taken in the United States showed nearly 60,000 free colored population. Of this number about half were in the southern states. The fact that they were considered a dangerous element by many persons led to a movement for colonizing them in Liberia, and they were put under certain disabilities, especially in the southern states. In the Dred Scott decision it was held that they were not citizens of the United States.

Free Negroes. (See Negroes.)

Free Ships, Free Goods.—The Declaration of Paris (1856) holds that "neutral goods in enemies' ships and enemies' goods in neutral ships, except contraband of war, are not liable to capture." As the United States refused to surrender the privilege of privateering, it could not subscribe to this declaration of the leading nations as the conduct of war. The United States Government has always held to the doctrine that in time of war all goods, whether belonging to neutrals or to belligerents, are, if carried in neutral vessels, thereby exempted from capture unless they are by nature contraband of war. During the war between England and France in 1793-1815 the United States contended for the recognition of this principle. England, on the other hand, always maintained that the ownership of the property itself should determine the question of seizure. This was a contributory cause of the War of 1812. The treaty of Ghent did not settle the question. The motive for privateering which once existed has been obviated by the addition of numerous cruisers to the Navy.

Free Silver. (See Bimetallism and Silver.)

Free-Soilers.—That one of the anti-slavery political parties which came into existence in 1848. It was composed of the Liberty party, the Barnburner Democrats of New York, and a number of northern Whigs, who favored the Wilmot Proviso to the appropriation bill to conclude the treaty of peace with Mexico. Wilmot's amendment provided that there should be no slavery in the territory acquired under the appropriation. It passed the House, but was defeated in the Senate. In the next session it failed to pass either House. Resolutions of the same import as the Wilmot Proviso were introduced in the Whig and Democratic conventions of 1846, but were

rejected. Upon this many prominent men of New York, Massachusetts, and Onio withdrew and formed the Free-Soil party. At Buffalo in 1848 they nominated Martin Van Buren and Charles Francis Adams for President and Vice-President. These candidates received no electoral votes and only 291,263 popular votes. At Pittsburg in 1852 they nominated John P. Hale and George W. Julian, but their vote only reached 156,149. In 1856 the Free-Soilers joined the Republican party.

Free Trade.—In politics this term is used to signify an exchange of merchandise between the people of different countries without the imposition of any tax by the government. A tariff tax imposed by the government for the protection of home manufactures is held by the advocates of free trade to be contrary to sound principles of political economy and unjust to the consumers of the articles so taxed.

The strength of the free trade argument lies in the efficiency of highly-developed division of labor. That a country should produce only those economic goods which it can produce better than other countries, and should obtain from other countries those economic goods which they can produce better than it, evidently means efficiency of production and decrease in cost. The free traders claim that there is no more reason why one country should insist upon producing what other countries are better equipped for producing than that states within the Union should all try to be industrially self-supporting. Indeed, the free trade principle in practice may be illustrated by the trade conditions in the United States, where, for instance, Massachusetts produces shoes because it is well equipped by nature to do so, and does not try to raise great herds of cattle, leaving that to the Western states, and exchanging its own product of shoes in return for the meat products of the West.

The objection of the protectionists to this policy is largely that free trade would put the American producer at a disadvantage because of the fact that the foreign manufacturer pays lower wages than the American manufacturer, and hence can produce more cheaply than the American, even in industries in which the American manufacturer has better natural equipment at his disposal. Accordingly, under free trade, either wages would diminish in order to correspond to the European scale or else more goods would be bought from other countries than would be sold to them, and business would be ruined. To this argument, the free trader usually replies by asserting that wages abroad are lower in appearance rather than in reality—that is, that the effect of the protective tariff has been to raise prices until the American workingman can get little more with his wages than can the European workingman with his low wages. In the second place, continue the free traders, if more money leaves the country to pay for a balance of trade against the United States, money in the United States becomes scarce, hence more valuable, hence can purchase more per unit than previously, hence cheapens the prices of goods, and hence re-stimulates foreign purchasers to buy the newly-cheapened goods. Finally, the free traders insist that cost of production is affected more deeply by the productivity of labor than by wages.

The protectionists argue further that even in those industries which belong to American production by reason of natural advantage the manufacturer who would inaugurate such industries is at a disadvantage because of the fact that he must compete with industries in other countries which have already been organized. This argument has so much weight with many free traders that they are often willing to extend the principle of protection to "infant industries" until the latter become full-grown.

Another argument used by the protectionists against the free trade principle is the fact that, if the United States should cease diverting its energies to those goods which foreign countries can produce better, and should confine them to those industries which favor American production, the later units of these latter goods would cost more under increased production than the earlier units under the earlier production. For instance, a bushel of wheat may well cost more to produce when it comes from an area from which 2,000 bushels have been taken than when 1,000 bushels have been taken from that same area.

Much point has been given to the free trade argument by the fact that the abolition of tariff duties promotes friendship between countries, whereas the existence of such tariffs tends to increase rivalries and animosities. Thus, claim the free traders, many of the national animosities which helped to cause the World War would have been impossible if there had been no commercial tariff duties to strengthen the business of the different belligerent countries. On the other hand, the protectionists use the World War to prove that it is advisable for each country to be economically self-dependent; and to show the necessity for having an enormous navy to protect commerce in case reliance for certain necessities is placed upon foreign countries. It is apparent that the free trade movement has been weakened as a result of the War.

Without venturing to pass an opinion upon the merits of the controversy between the policy of free trade and that of protection, it may be pointed out that the free trade policy, as advocated by those who oppose the protection theory in the United States, has been for some time eclipsed by the policy of a tariff for revenue only. In actual practice, there has been comparatively little difference in tariff rates when the protectionist Republicans have been in power and when the tariff-for-revenue-only Democrats have been in power in recent years.

Under a free trade policy, of course, there would be practically no tariff duties —the revenue coming, as in the case of free trade England, from internal taxes on spirits, tobacco, incomes, corporations, excess profits, inheritances, etc.

Free Trade and "Economic Barriers" Clause in "Fourteen Points" discussed, 8629.

Free Zone. (See *Zona Libre.*)

Freedman's Savings and Trust Co., affairs of, discussed and recommendations regarding, 5113.

Freedmen (see also Civil Rights):
Act to protect all persons in United States in their civil rights and

furnish means of vindication vetoed, 3603.
Violations of act referred to, 3666.
Appropriations for settlement under treaties of, and descendants upon lands in Oklahoma recommended, 4785.
Colonization of. (See Negroes.)
Condition of, discussed, 5490.
Education of, recommendations regarding, 3995, 5489.
Elective franchise to, discussed by President—
Garfield, 4598.
Hayes, 4445, 4553.
Johnson, 3557.
Emigration of. (See Negroes.)
Free exercise of right of suffrage by, discussed and recommendations regarding, 5490, 5562, 5643.
Memorial from, in Alabama asking for rights of citizenship, 4258.
Protection of rights and privileges of, discussed, 4395, 4412, 5490.
Provisions in amended constitutions of Southern States regarding, referred to, 3586.

Freedmen's Aid Societies, letter to President from, referred to, 3395.

Freedmen's Bureau.—An office of the War Department, created during the Civil War, to protect the interests of negroes who had been freed; its further purpose was to look after the education of refugees.

Freedmen's Bureau:
Abandoned lands, etc., to be turned over to, order regarding, 3538, 3547.
Act—
For discontinuance of, vetoed, 3852.
To continue, and to amend act to establish, vetoed, 3620.
To establish, vetoed, 3596.
Commissioner of—
Ordered to settle questions arising from lands set apart for benefit of refugees and freedmen, 3549.
Report of, referred to, 3569, 3571.
Continuation of, vetoed, 3620.
Establishment of, 3538.
Lands abandoned, ordered to be turned over to, 3538, 3547.
Operations of, referred to, 3586.
Property in Alabama to be transferred to, order regarding, 3550.
Reports of assistant commissioners of, referred to, 3577.
Transfer of, War Department, 4147.
Transportation required by, order regarding provision for, 3547.

Freedmen's Hospital.—This institution was established in Washington as a continuation of Government provision for sick freedmen. Every year it administers treatment to some 3,500 patients, and it conducts a training school for nurses. Government supervision is exercised through the Interior Department.

Freeholders, number of taxable inhabitants who are not, referred to, 988, 990.

Freight Rates (see also Railroads, and Interstate Commerce Commission):
Increase suggested in, 8148.
Oil industry, in, discussed, 7293.

French Cable Co., stipulations with, referred to, 4738, 4744.

French Congo. (See French Equatorial Africa.)

French Equatorial Africa.—A French colony on the west coast and in the centre of Africa. It is bounded by Wadai on the north, the former German colony of Kamerun on the north and west, the Sudan and Belgian Congo on the east, the Belgian Congo on the south and the Atlantic Ocean on the west. The area is about 670,000 square miles and the population, about 9,000,000. The administration is under a Governor-General, with a lieutenant-governor for each of the three circumscriptions into which the colony is divided. "Sleeping sickness" is prevalent, and is decreasing the population. The imports and exports balance normally, in the neighborhood of $1,000,000 each. Up to the present, the colony has proved to be of little value. (See Africa.)

French Exhibit and Representation at the World's Fair, Chicago, in 1893, a reason for the United States participating largely at Paris, 6276.

French Guiana.—A French colony and penal settlement on the northern coast of South America. It is bounded on the north by the ocean, on the east and south by Brazil and on the west by Dutch Guiana. The area is about 34,000 square miles and the population, about 50,000. The chief industry is gold-mining and there are also deposits of silver, phosphate and iron which are worked. The chief town is Cayenne. The imports and exports each amount to about $2,000,000 annually. The chief crops are rice, cocoa, sugar-cane, coffee and maize.

French Guinea.—A French colony in western Africa. (See Africa.) The area is about 95,000 square miles and the population about 1,800,000. The chief product is rubber, but palm oil, nuts and coffee are also produced, and there is some cattle-raising. The latest figures show exports of $3,300,000 and imports of $1,850,000 annually.

French India.—The five French dependencies of Pondicherry, Karikal, Chandernagar, Mahé and Yanaon in India. The total area is about 200 square miles and the population, about 270,000.

French Indo-China.—An important French colony in southeastern Asia, with an area of 256,000 square miles and a population of 17,000,000. It comprises Annam, Cochin-China, Cambodia, Tonking, Laos, Kwang-Chau-Wan and territory around Battambang, the latter two leased from China. There is much agriculture, especially rice-growing, and some mining. The latest figures show exports of $60,000,000 and imports of $45,000,000 annually. Some 2,500 vessels visit the colony in normal years. See Annam, Cochin-China and Cambodia.

French Oceania.—A French colony in the South Pacific Ocean, consisting of scattered groups and single islands. Included are the Society Islands, of which Tahiti and Moorea are the principal ones; the Marquesas; the French Leeward Islands; and the Rapa, Tubuai and Gambier groups. The chief exports are copra and vanilla. The area is about 4,000 square kilometres and the population is about 30,000.

French Revolution:
- Claims of United States caused by. (See France, Claims against.)
- Discussed, 8790.
- Referred to, 2808.

French Somali Coast.—A French colony on the northeast coast of Africa, on the Gulf of Aden between the Italian colony of Eritrea and British Somaliland. The area is about 5,800 square miles and the population, about 205,000. There are no industries, but there is some attention to fisheries and inland trade. The salt mines export about 12,000 metric tons of salt annually. The chief city and port is Djibouti.

French Spoliation Claims.—In July, 1796, the Directory of the Republic of France announced to the world that French cruisers and privateers had been ordered to treat vessels of neutral and allied powers, either as to search, seizure, or confiscation, in the same manner as they (the neutral or allied powers) should suffer the English to treat them. It was claimed that the United States did not exercise close enough vigilance over the belligerent rights and treaty stipulations between themselves and the warring European powers. England claimed the right to seize goods contraband of war under any flag. Though the United States disputed this claim, the Government did not feel justified in going to the extreme lengths desired by the French Government to enforce their protests. American commerce thereupon became a prey to French cruisers. By a convention between the United States and France ratified in 1801 the differences were adjusted, and the United States urged the claims of their citizens for damages sustained, amounting to $20,000,000. France made a counterclaim many times as great for damages sustained by her citizens resulting from failure of the United States to keep their treaty obligations. The result of this convention was a mutual surrender of these claims. The United States Government, it is claimed, became responsible to its citizens for indemnification. The claims were repeatedly pressed upon Congress, and the subject has engaged the attention of some of our ablest lawyers and statesmen. Bills for their payment were vetoed by President Polk in 1846 (2316), and by President Pierce in 1855 (2840). Jan. 20, 1885, Congress passed an act authorizing the claimants to apply to the Court of Claims for adjudication of their claims. This act was approved by President Arthur. The court has reported to Congress favorably on a large number of these claims. The Fifty-first Congress passed an act appropriating something more than $1,000,000 to pay such of the claims as had been reported favorably by that court to Congress, which was approved by President Benj. Harrison. A similar bill, carrying over $1,000,000 for their payment was vetoed by President Cleveland June 6, 1896 (6115). March 3, 1899, President McKinley approved an act to pay over $1,000,000 of these claims.

French Spoliation Claims (see also France, Claims against):
- Act making appropriations for, vetoed, 6115.
- Act providing for—
  - Ascertainment and satisfaction of, vetoed, 2316.
  - Ascertainment of, vetoed, 2840.
- Reports on, transmitted, 4916, 4956, 4972, 4982, 5199.

Frenchtown (Mich.), Battle of.—Gen. Harrison having succeeded Hull in command of the Army of the Northwest, resolved to regain what that unfortunate commander had lost. He dispatched Gen. Winchester with 2,000 men to Detroit, with orders to cross the river if opportunity offered and take Fort Madden. From his camp (at Presque Ile) Winchester on Jan. 17, 1813, detailed Col. Lewis with 660 men to advance to Frenchtown (now Monroe, Mich.), on the River Raisin. Lewis arrived on the 18th, and the British garrison, consisting of 200 Canadian militia and 400 Indians, were driven into the woods. The Americans lost 12 killed and 55 wounded. The loss to the enemy was considerable and occurred chiefly in the forest.

French West Africa.—A French colony in northwestern Africa, comprising the separate colonies of Senegal, French Guinea, the Ivory Coast, Dahomey, Upper-Senegal-Niger (French Sudan) and Mauritania. For practical purposes, the Sahara Desert, some 1,500,000 square miles in area, is included in French West Africa. Outside of the Sahara, the total area of the several colonies of French West Africa is 1,745,000 square miles, and the population, about 12,200,000. The most productive of the colonies is Senegal, the chief articles of export being fruits, oil, oil seeds, rubber, cotton, cacao, timber, etc. Latest figures show imports and exports practically balancing around the sum of $35,000,000 annually. Some 2,000 vessels, of 5,500,000 tons, visit French West Africa annually. (See also Africa, Dahomey, etc.)

Friars' Lands in Philippine Islands, disposition of, 7689.

Friedmann "Cure" for tuberculosis, report on, 7839.

Friendly Islands. (See Tonga Islands.)

Friends, Society of. (See Society of Friends.)

Frigates. (See Vessels.)

"Frolic."—The British Sloop of War captured by "The Wasp" in command of Captain Jones in the War of 1812. (See Wasp, The.)

Frolic, The, engagement with the *Wasp*, 506.

Frontiers (see also Indians; Militia):
- Affairs on southeastern frontier, 2909.
- Posts should be established for protection of, 614.
- Protection of—
  - Necessity of, 76, 86, 87, 96, 101, 133, 166, 551, 1817, 2819, 3447.
  - Sufficient, 648.
- Referred to, 165, 398, 824.

Fruit Growing and Preserving.—Horticulture as a distinct branch of farming is of recent growth in the United States. The early settlers found growing wild in America many of the common fruits familiar to them in Europe. Besides cultivating these, they imported other varieties and grafts from their former homes. The early efforts of the colonists were limited to raising enough fruit for the family, with little thought of commerce, though an orchard of 2,500 apple trees is said to have existed in Virginia in 1686. In New England, too, large apple orchards were not uncommon, but their products were mostly used for making cider. There are about 150 species of fruits grown in the United States, ranging from the plums and apples of the north to the figs, oranges, lemons and other tropical fruits of Florida and California. They are classified for convenience into tree fruits, vine fruits, small fruits and herbs. With the improvements in transportation and packing came the shipment of tropical fruits to northern markets.

Scientific breeding and cross-breeding of native species has developed some distinct varieties suited to the requirements of the markets. Pioneers in this line were Munson of Texas, Burbank of California, and Webber of the Department of Agriculture.

From 1800 to 1830 about the only fruit imported was an occasional bunch of bananas. In the latter year J. V. T. Pearsall of New York brought in a cargo of 1,500 bunches. In 1832 a cargo of oranges arrived from Sicily, and for the next thirty years Italian fruits held undisputed possession of the American markets, during which time much speculation was indulged in and the auction system of marketing was established. Some of the early dealers were Devlin & Rose; Chamberlain, Phelps & Co., James Robinson & Co., Lawrence, Giles & Co., of New York; Daniel Draper & Co., and Conant & Co., Boston; Dix & Wilkins, Baltimore; S. S. Scattergood & Co., and Isaac Jeanes & Co., Philadelphia.

The first green fruit shipped across the continent from California arrived in New York in 1867. This shipment proved a failure, but next year one car of Tokay grapes and three cars of pears from California consigned to N. R. Doe, New York, arrived in good order and brought $3.50 to $5 a box for the pears and $10 to $15 per 40-pound crate for the grapes. Thousands of carloads of fruit are now shipped every year, the refrigerator-car service of the railroads facilitating the transportation. The freight rate across the continent has been reduced, in some instances, as much as fifty per cent, in the last thirty-five years. The Italian fruit grower can land fruit in New York after paying a duty, and sell cheaper than the growers in California and Florida, yet the domestic products seem to hold their own. Florida and California ship about 8,000,000 boxes of oranges a year and Florida adds to this 10,000,000 pineapples and $250,000 worth of limes. Our fruit export trade consists largely of apples, which are sent to London, Glasgow, Liverpool and Berlin.

Canning and Preserving.—There are 2,789 establishments in the United States engaged in canning and preserving fruits and vegetables. They are collectively capitalized at $67,313,423, and employ 47,448 persons, including firm members, wage-earners and salaried attendants. The value of the output is figured at $91,439,161, of which $28,895,539 is added in the process of packing and preserving.

California is by far the most important state in the canning and preserving industry, largely on account of its fruits. The establishments in California are on the average much larger than those of most other states, but show relatively fewer wage-earners than the others. This doubtless is due to the growing use of improved machinery and appliances. The number of wage-earners decreased 5.4 per cent during the decade ending with 1909, but the value of the output increased 120.3 per cent. New York ranked second and Maryland third.

In the production of canned tomatoes, the most important of vegetables, Maryland has led all other states for the last thirty years, reporting 40.9 per cent of the total in 1909. Six states: Maryland, Delaware, New Jersey, Indiana, Virginia and California—each reported more than a million dollars' worth of canned tomatoes in 1909. California puts up eighty per cent of the canned peaches, pears and apricots as well as dried fruits.

Fruits, American, restrictions upon importation of, into Germany and Switzerland, 6331.

"Fry, Wm. P.," sinking of, 8210.

Fuel Administration.—The increased consumption of fuel due to the increased demand in industry as a result of the European War led to the inclusion of fuel among the products over which the President was given control in the so-called Food Control Bill. The general powers granted under that bill are described under the head of "Food Administration," but separate provisions regarding fuel in the bill authorize the President to requisition and take over mines for use or operation by the government; to fix the price of coal and coke, when sold by either producer or dealer; and to establish rules for their distribution and transportation. He is further empowered to prescribe regulations governing the work of employees in the mines, and to require, if necessary, all producers to sell only to the United States through an agency to be designated by the President. Various orders by the President in carrying out these powers may be found by consulting the headings Fuel and Coal in the Index under Wilson, Woodrow.

To give merely one example of the difficulties attending the fuel problem, it might be stated that whereas the railroads of the country used approximately 125,000,000 tons of coal in 1916, some 170,000,000 tons were used by them in 1917. If the same ratio was preserved in all the other forms of American industrial activity, our net consumption of coal increased in 1917 to 635,000,000 tons from 475,000,000 tons in 1916. The scarcity of labor, due to increasing wages in other industries and the draft, combined with the severest winter known in the recent history of the Weather Bureau, made the coal problem among the most serious met by our Government in its prosecution of the war.

On August 21, 1917, the President officially fixed coal prices (see page 8327), altering them later on November 28, 1917 (see page 8398). On August 23, 1917, Harry A. Garfield, formerly president of Williams College, was appointed Fuel Administrator. The seriousness of the coal situation was probably the chief determining factor in the federalization of the railroads in the country (see pages 8409, 8412, 8418). But the severe and unprecedented cold waves and snow storms of January,

1918, hindered the solution of the coal problem, industries shut down because no coal could be obtained, private homes remained unheated, suffering became intense, especially among the poor; and accordingly Fuel Administrator Garfield announced on January 17, 1918, that all factories and manufacturing plants except those specifically mentioned as being engaged in the production of essential war material would remain closed from January 18 to January 22, inclusive; and that on all Mondays from January 21 to March 18, inclusive, all work except that absolutely indispensable to the public health and welfare would cease. The suddenness with which the order came caused a furor throughout the country, but it was loyally and faithfully obeyed; and the results, especially those concerned with the coaling of ships, were favorable.

Indeed, the order regarding "Workless Mondays" was rescinded for Southern states after February 4, 1918, and for the remainder of the country after February 11, 1918.

Another noteworthy feature of the campaign for fuel conservation during the war was the elimination of unnecessary lighting, such as that of an ornamental or advertising nature. In addition, there was organized a campaign for more economical firing, etc., in both domestic and industrial heating plants.

Among the agencies used by the Fuel Administration were a campaign to urge that rooms and houses be not heated above 68° Fahrenheit and the reduction of the supply of fuel whenever necessary to industries classed as non-essential.

The program of the Fuel Administration for 1918 called for 51,258,029 tons of anthracite coal as compared with 49,195,706 tons in 1916 (the last normal year.) By October 1, this program had been exceeded by 760,000 tons. In 1918, it was estimated that 600,000,000 short tons of bituminous coal were delivered, as compared with 550,000,000 tons in 1917 and 500,000,000 in 1916. By October 1, 37,000,000 more tons had been delivered than for the previous six-month period in 1917. (The coal year begins on April 1.)

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Fugitive-Slave Laws.—Article IV., section 2, of the Constitution provides: "No person held to service or labor in one state, under the laws thereof, escaping into another, shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due." In pursuance of this provision Congress in 1793 passed the first fugitive-slave law, providing that on the owner's giving proof of ownership before a magistrate of the locality where the slave was found the magistrate should order the slave to be delivered to his owner without trial by jury. Hindering arrest or harboring a fugitive slave was punishable by a fine of $500. In 1850, as a part of the compromise measures of that year, a law was passed providing for United States commissioners to aid in the more strict enforcement of the law. Proof of identity and two witnesses to the fact of escape were all that were required in evidence. The negro could neither testify nor have jury trial. In all the Colonies laws had been passed providing for the return of fugitive slaves. The New England Confederation of 1643 had provided for mutual extradition of slaves. Extradition from British territory had been denied in the decision of the Sommersett case in 1771. In the case of Prigg vs. Pennsylvania (1842) the Supreme Court held that the execution of the law of 1793 devolved upon Federal authorities alone; that state authorities could not be forced to act. Several states thereupon forbade action by their officials. The act of 1850 aroused much bitter feeling in the north, and "personal liberty" laws were passed in many of the states, some of them conflicting with Federal laws and some even with the Constitution itself. The Civil War ended the whole matter, and the laws were repealed.

Fugitive Slaves:
Acts passed to defeat laws regarding, discussed, 3160.
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Fundamental Constitutions of Carolina.—In 1669 John Locke, the celebrated English philosopher, drew up an elaborate constitution for the Colony of Carolina, providing for several orders of nobility. At the present day it is of interest only as a sample of early constitutions and an attempt to establish an American aristocracy. The scheme comprehended a grand court of proprietors and a parliament of landgraves and caciques having entailed estates.

Funeral of Nineteen American Sailors and Marines, President Wilson's Address at, 7939.

Furniture Manufacture.—Colonial furniture, as the term is understood today, was unknown to the American colonists. In the early struggles for existence little attempt was made to evolve a distinctive style of furniture. The New Englanders copied the designs of the pieces brought over with them or reproduced from memory as nearly as they were able with the rude tools at hand and their productions were of heavy wood with severe lines and little carving. The southern planters imported richly carved pieces from England and France in the style of Elizabethan and Jacobean periods in England and the Renaissance in France, while the Dutch settlers of New York brought their styles from Holland and the Orient.

In 1776 the home of a well-to-do American was fitted up in about the same style as that of an Englishman of the same social and financial standing. Chippendale was the vogue, with pieces in the modified Greek style of Adam. From the French Empire came the massive mahogany with rope-carved pillars and lion-claw feet.

The early cabinet shops were like the secondhand repair shops to be found in all the large cities today. The cabinet-makers continued to reproduce the styles imported from Europe and these long continued on the simple Chippendale lines. Gradually the Empire fashions, which were making themselves felt all over Europe, spread to America, and the shapes became heavier and more pretentious, mahogany being used almost exclusively. Heads of animals were used, and claw feet became a general feature. Cabinet-makers soon changed their ideas and began making a debased rococo style, which did not have the elegance or character of the Louis XV, but was covered with a florid ornamentation in which the main idea seems to have been display. About 1830 efforts were made to produce furniture in the Gothic style, but the lack of artistic training of American cabinet-makers caused these to be abandoned, and the rococo furniture held sway for many years.

The application of steam to cabinet-makers' machinery in 1815 revolutionized furniture making, bringing labor-saving devices into more general use, and enabling the manufacturer to supply the rapidly increasing demand. In 1825 Mr. Richardson, of Philadelphia, introduced the circular saw, and Taylor, Rich & Co. erected the first mahogany mill in America, using a number of these saws. Ordinary furniture, which until now had been quite plain, began to take on endless scrollwork, moldings and ornaments, so easily produced by the new machines. The value of the furniture product in 1850 was estimated at about $15,000,000, and the industry gave employment to 37,000 people, out of a population in excess of 23,000,000.

Up to this time the furniture industry had been confined to the Eastern States, principally in and around Boston, but a number of factories were now started in the West. These factories, equipped with new machinery and using the native forests of oak, ash, walnut, etc., with which

they were surrounded, produced a useful grade of furniture, in which art seems to have been little considered, but which answered the purposes of the rapidly increasing population of the newly developing territory. Trade kept increasing with the general wealth, and by 1860 the production had reached $25,500,000, but the number of working men employed in the industry, owing to improvements in machinery, had declined to 28,000. The population had then reached almost 31,500,000. At this time all industry received a serious blow by the civil war.

After the war came a movement in favor of more perfect construction, and the use of straight lines exclusively became general, the stiff apparance being relieved by an abundant use of arches, spindles, turnings, etc. This style allowed the manufacturer to do the greater part of the work by machinery, for which it seemed specially adapted. The awakened public interest in furniture developed the trade in an unprecedented manner, the production for 1870 being $68,500,000, two and a half times that of 1860. The number of men employed at this time shows a similar increase, being 55,800, out of a population of 38,500,000.

The amount of business done in 1890 was not equal to the increase in population. The value of the output for that year was $86,362,685, an increse of eleven per cent. over 1880, but the amount per capita of population dropped to $1.38 as compared with $1.55 in 1880, and $1.77 in 1870.

The woods used in furniture are subject to frequent changes. Early in the 19th century mahogany, maple, and black walnut were in favor; then cherry and ash became fashionable; toward 1880, oak, so long forgotten, took a prominent place. At the end of the century we find black walnut almost out of use. Oak has kept its vogue for the hall, the library and the dining room. Mahogany, curly birch, and maple are still extensively used; all of them for the bedroom and mahogany for the dining room and the drawing-room in the better grades of furniture.

The furniture industry of the United States has reached a magnitude unknown elsewhere, and the perfect equipment and organization of our mammoth factories, capable of an enormous production, make it imperative that some outlet should be found for it outside the home demand. Intelligent efforts are being made in this direction by a number of manufacturers, and there is every prospect of our being able eventually to secure a large foreign trade.

Fur Seals:
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Threatened extinction of, 7063.

Fur Seals. (See Bering Sea.)

Fur Seal Treaty (North Pacific) concluded with Great Britain, Japan and Russia, 7670, 7877.

Fur Trade, persons killed while engaged in, referred to, 1128.

Gadsden Purchase.—This term is applied to a tract of land consisting of 45,535 square miles in Arizona and New Mexico, extending from the Gila River to the Mexican boundary. It was acquired from Mexico by a treaty negotiated by James Gadsden, Dec. 30, 1853. The United States paid Mexico $10,000,000 for the land, but Mexico relinquished claims against the United States for damages for Indian depredations amounting to from $15,000,000 to $30,000,000. For this transaction Santa Anna, President of Mexico, was banished as a traitor.

Gadsden Purchase, treaty with Mexico respecting, 2762.

Gag Rule.—May 26, 1836, Congress passed a resolution providing that thenceforth all petitions, memorials, resolutions, propositions, or papers relating in any way to the subject of slavery or the abolition of slavery should lie upon the table without being printed or referred. John Quincy Adams led a strong and bitter opposition to this infringement upon the right of petition. The cry of "gag rule" was raised in the north and served to increase the spirit of petition in that section. Dec. 3, 1844, the rule was abolished.

Gaillard Cut, name of Culebra Cut changed to, 8050.

Gaines Mill (Va.), Battle of.—One of the series of engagements which took place June 25 to July 1, 1862, before Richmond, commonly known as the Seven Days' Battles. June 27, the day after the battle of Mechanicsville, Fitz-John Porter retired to Gaines Mill Heights, about 5 miles east of his former position. Here he was attacked shortly after noon by A. P. Hill's corps. Slocum's division was sent to reenforce Porter, increasing his army to 35,000. During the afternoon Jackson joined Hill and Longstreet, swelling the Confederate forces to about 60,000. Severe fighting was continued until dark. Porter succeeded in defending the bridges across the Chickahominy allowing the heavy guns and wagon train to pass in safety on their way to the James. During the night he himself crossed over, destroying the bridges. The loss of the Confederates was reported at 3,284. Porter lost 894 men killed, 3,107 wounded, and 2,836 missing, a total of 6,837. He also lost 22 cannon.

Gainesville, McAlester and St. Louis Railway Co., act regarding grant of right of way to, through Indian Territory returned, 6099.

Galicia.—Up to the dissolution of the Austro-Hungarian Empire in November, 1918, one of the provinces of Austria, lying between the Carpathian Mountains and Russian Poland. Its area was about 30,000 square miles and its population in the neighborhood of 9,000,000. In the west, the Poles predominated and in the central and eastern portions, the Ukrainians, with Roumans in the South-east; but rivalry for the possession of Galicia was so intense after the World War that by 1920 its final status was in doubt, although most of it had been included by the Treaty of Versailles within the boundaries of Poland.

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Garden City Forest Reserve, proclaimed, 7289.

Gardens, value of, in prosecuting war against Germany, 8252.

Garfield, James A.—March 4, 1881-Sept. 19, 1881.

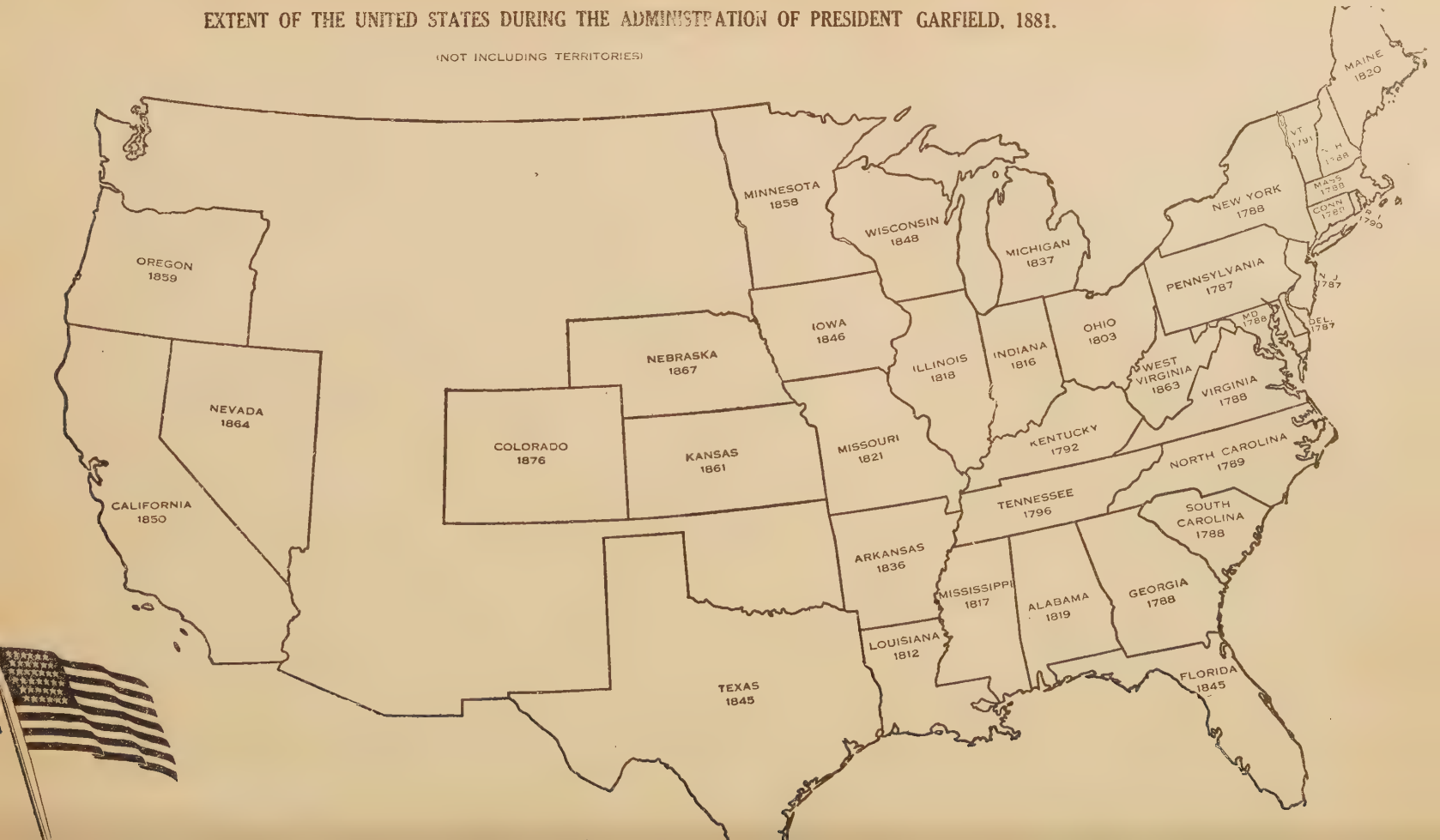
Twenty-fourth Administration—Republican.
Vice-President—Chester A. Arthur.
Secretary of State—
James G. Blaine.
Secretary of the Treasury—
William Windom.
Secretary of War—
Robert T. Lincoln.
Secretary of the Interior—
Samuel J. Kirkwood.
Secretary of the Navy—
William H. Hunt.
Postmaster-General—
Thomas L. James.
Attorney-General—
Wayne MacVeagh.

Nomination.—Garfield's nomination at the Republican Convention, at Chicago, June 2-3, 1880, has been characterized as one of the greatest political struggles ever known in American history. He was accepted as the compromise candidate between the Grant and Blaine factions on the thirty-sixth ballot.

Platform.—The Republican platform of 1880 reviewed the work of the party during its twenty years of political ascendency, enumerating among its achievements, the suppression of the rebellion, the enfranchisement of 4,000,000 negroes, suppression of the Fugitive Slave law, the raising of the value of paper from 38 to par, and increased railways from thirty-one thousand miles in 1860, to more than eighty-two thousand miles in 1879; increased foreign trade, reduced the public debt, and brought prosperity to the country. It stood upon this record; acknowledged the supremacy of the Constitution; advocated national promotion of popular education; reaffirmed non-sectarianism; repeated its confirmation of revenue for tariff and for protection; urged restriction of Chinese immigration; endorsed the administration of President Hayes; arraigned the Democratic party; and affirmed the restoration of harmony to the Union.

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT GARFIELD, 1881.

(NOT INCLUDING TERRITORIES)



Opposition.—The Democratic National Convention, at Cincinnati, June 22-24, 1880, nominated General Hancock. The National Greenback party, at Chicago, June 9-11, 1880, nominated James B. Weaver. The Prohibition party, at Cleveland, on June 17, 1880, nominated Neal Dow.

Vote.—The popular vote cast by thirty-eight States gave Garfield 4,454,416; Hancock, 4,444,952; Weaver, 308,578; with 10,305 scattering. The electoral vote, counted on Feb. 9, 1881, gave Garfield 214, and Hancock, 155.

Party Affiliation.—Garfield seems never to have voted before 1856, when he cast his ballot for Frémont, the first candidate of the Republican party. The leading part that he played in Congress for twenty years as chairman of most important committees, saw the rendering of faithful and brilliant service to Republican interests. From March, 1866, he continued his aggressive policy of promoting the resumption of specie payment. He was the representative in Congress of the "Sound Money" principle. In reconstruction times, he opposed the policy of President Johnson. In the Forty-fifth Congress, as leader of the opposition in the House, he contributed greatly in compelling the Democratic majority to make the appropriations which they were withholding. His report of the tariff commission in April, 1880, confirmed him as a firm believer in the policy of protection.

One of the first acts of Garfield was the removal of Gen. Edwin A. Merritt from the position of Collector of the Port of New York and the appointment of Mr. Robertson without consulting the New York Senators. Postmaster-General James and Senators Conkling and Platt protested, but without avail. This resulted in the resignation of both Senators.

Political Complexion of Congress.—In the Forty-seventh Congress (1881-1883) the Senate, of 76 members, was composed of 37 Democrats, 37 Republicans, 1 American, and 1 Readjuster; and the House, of 293 members, was made up of 130 Democrats, 152 Republicans, 9 Nationals, and 2 Readjusters. In the Forty-eighth Congress (1883-1885) the Senate, of 76 members, was made up of 36 Democrats and 40 Republicans; and the House, of 225 members, was made up of 200 Democrats, 119 Republicans, 4 Independents, and 2 Nationals.

Civil Service.—In his Inaugural Address (page 4601) President Garfield said: "The civil service can never be placed upon a satisfactory basis until it is regulated by law. For the good of the service itself, for the protection of those who are entrusted with the appointing power against the waste of time and the obstruction to the public business caused by the inordinate pressure for place, and for the protection of incumbents against intrigue and wrong, I shall at the proper time ask Congress to fix the tenure of the minor offices of the several Executive Departments and prescribe the grounds upon which removals shall be made during the terms for which the incumbents have been appointed." It was in connection with the civil service and the making of appointments that the memorable struggle over the patronage of New York occurred, which resulted in the resignation of Senators Conkling and Platt.

Finance.—In his Inaugural Address (page 4600) President Garfield said: "By the experience of commercial nations in all ages it has been found that gold and silver afford the only safe foundation for a monetary system. Confusion has recently been created by variations in the relative value of the two metals, but I confidently believe that arrangements can be made between the leading commercial nations which will secure the general use of both metals."

President Garfield was shot July 2, 1881, in the Baltimore and Potomac railroad station in Washington and died Sept. 19 following at Elberon, N. J.

Garfield, James A.:
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- Statue of, to be erected in Washington, appropriation for, recommended, 4795.
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Garland Case.—In 1860 Augustus H. Garland was admitted to practice in the United States Supreme Court. Not very long after the State of Arkansas had seceded from the Union in 1861 he was sent to the Confederate Congress, where he served until the surrender of Gen. Lee in 1865. He was included in the general amnesty extended to citizens of the southern states. July 2, 1862, Congress enacted a law requiring all candidates for office to take an oath that they had never engaged in hostilities against the United States, and on Jan. 24, 1865, this oath was required of persons admitted to the bar of any circuit or district court of the United States or Court of Claims. Garland refused to take the prescribed oath on the ground that it was unconstitutional and void as affecting his status in court, and that if it were constitutional his pardon released him from compliance with it. The court sustained him in his contention on the ground that the law was ex post facto. Justice Field, delivering the opinion, said: "It is not within the constitutional power of Congress thus to inflict punishment beyond the reach of Executive clemency." Chief Justice Chase and Justices Miller, Swayne, and Davis dissented.

Gary System of Education.—In 1908, William Wirt was called from the superintendency of the public school system of Bluffton, Illinois, whither he had gone in 1900, to be the superintendent of public education in the newly-created town of Gary, Indiana; and the system of education which he evolved at Gary has since become known as the Gary System.

Because of the fact that the Gary System is constantly changing to meet newly-arising conditions and because the very essence of the system is its flexibility, it is difficult to analyse it in a hard-and-fast manner. The following features, however, seem to be most distinctive in Mr. Wirt's program:

1. Each school building houses two complete schools of children. This situation is made possible by having one school commence work at 8:15 A. M., and the other at 9:15 A. M. One school utilizes one section of the school plant, while the other school is utilizing the other section, so that no part of the school-building is idle. Very extensive school-plants and equipment characterize the Gary system.

2. The school day lasts throughout the entire day, or for eight and a quarter hours. However, only four hours of this time are spent in academic studies, the remainder being devoted to gymnasium, playground, shop work, etc. Only these four hours are necessary, and children may be withdrawn for the other four hours, at the request of their parents, for religious, musical training, etc. However, most of the children in Gary elect to pursue the full-day course; indeed, it seems to be difficult to get them to leave the school premises when their time there has expired. The four hours outside of the academic courses represent an attempt to keep the children from the streets, and to organize the play which they would otherwise indulge in during the after-school hours. There is also voluntary Saturday school.

3. The school hours include all the preparation for lessons up to the high school grades, so that the child's evening is left free for recreation. Indeed, no child is allowed to take his school books home until he has reached the seventh grade, and he is discouraged from doing so until he has reached the high school grades.

4. Each separate study represents a separate department in the school, and the child is taught by specialists in each subject, instead of by one teacher in a number of subjects. The child is promoted by subjects, not by grade; so that at any particular time he is at a stage of advance in each subject warranted by his abilities. There are four groups of subjects,—ordinary class-room; labor, shop and studio subjects; mass instruction by lectures and forum-discussions in the auditorium; and gymnasium and play-ground subjects.

5. In the higher grades, there are a number of optional courses, so that the individual child's tendencies may be developed. These optional subjects are largely those concerned with learning a trade, so that the child is being trained both liberally and professionally at the same time.

6. There is extensive industrial training to fit the child for the higher forms of employment in later life, if he or his parents so desire. This training is in the hands of trained, professional mechanics; and the expenses of the work are met by placing these classes in charge of all the building and repair work concerning the construction and the up-keep of the schools.

7. Since the child is promoted by subjects, not by grades, the primary, grammar and high school subjects are all taught in the same building. There is accordingly none of the usual break between grammar and high school which tends to send the child out of school at that time.

8. In the evenings, the school buildings are in full use as civic centres for the adults, so that the expenses of the school-plants are distributed over many items of municipal service. The attendance of the parents in the evening lectures, gymnasium classes, club-meetings, etc. is often utilized to give them first-hand interest in the problems confronting their children in school during the day, as well as providing a common meeting-ground for family life.

9. There is a normal day of six hours for the teachers, who, as stated above, are all specialists in the subjects they teach. Of this amount, however, one hour is given for lunch, one hour for general attendance in the mass-instruction in the auditorium, and other time for examination of papers, etc., so that there is no night-work necessary for the teachers.

10. The discipline problem is hardly present, because of the fact that the student's progress in any subject is limited only by his abilities, and because of the fact that much of his work is in these studies which interest him. There is general physical freedom of action.

11. The course of study in the required subjects is that formulated by the Indiana State Board of Education, the innovations being largely in the optional hours.

12. Every form of municipal activity is studied, not only to give first-hand training, but also to develop interest in municipal problems. The student's work frequently consists of visits to markets, railway terminals, fire-houses, etc. Problems of civic and national importance also are treated in the mass-instruction in the auditorium, and there is open discussion of such problems.

Gas Experiment Station transferred to War Department, 8542.

Gas, Illuminating and Heating.—The history of the gas industry, not only of the United States but of the world, covers little more than a century. The possibility of making gas for lighting purposes was investigated simultaneously in France and England in the latter part of the eighteenth century—in England by William Murdock and in France by Philippe Le Bon—and it is an open question as to which of the two countries is entitled to the credit of discovery.

The story of the manufacture of coal gas in this country dates from 1806, when David Melville, of Newport, R. I., lighted his premises with gas, which he made thereon. This was nine years after Murdock's experiments. Melville patented his process in 1813, and shortly thereafter cotton mills were lighted by coal gas, and in 1817 it was used in a lighthouse. In 1816 a company was chartered in Baltimore, Md., followed by the establishment of plants in Boston in 1822, New York, in 1823, Brooklyn, N. Y., and Bristol, R. I., in 1825, and New Orleans in 1835.

The Lowe process of making water gas was established at Phoenixville, Pa., in

1873. By this process hydrogen and the oxides of carbon, produced by the action of steam upon carbon at a high temperature, are mixed and then combined with richly carburated gases, usually from petroleum, thus producing the power of illumination. At present the amount of water gas is about 75 per cent of the entire quantity manufactured.

A recent report of the Census Bureau covers the activities of this industry for a recent year. It covers establishments making gas for sale for light, heat or power, including municipal establishments. It covers the production of gas by various processes, including the destructive distillation of coal, wood, resins, oils, or other carbonaceous substances; the action of steam upon incandescent carbon; the volatilization of petroleum or the petroleum distillates; and the action of water upon calcium carbide. The report does not include establishments making gas for their own consumption, nor the blast-furnace gas of pig-iron establishments, nor the gas produced in by-product coke plants.

The establishments covered in this survey produce not only coal gas, water gas, carbureted water gas, mixed coal and water gas, oil gas and acetylene but also as by-products tar, benzol, hydrocarbons, ammonia liquor, ammonium sulphate, coke, cyanides and similar products.

The figures follow:

Number establishments	1,284
Persons engaged	63,993
Capital	$1,252,421,584
Salaries and wages	44,330,684
Cost of materials	76,779,288
Value of products	220,237,790

Of the establishments in this industry, 39 manufactured products annually valued at more than $1,000,000; 205, products valued at between $100,000 and $1,000,000; and 436, at between $20,000 and $100,000.

Of the expenses, 57% were for materials, 20% for wages, 13% for salaries, and 10% for rent, taxes, contract work, etc.

The fuel used in manufacture comprised 947,261 long tons of anthracite, 6,078,000 short tons of bituminous, 1,085,000 short tons of coke, 13,500,000 barrels of oil and gasoline, and 3,375,000 thousand cubic feet of gas itself.

The separate products were as follows:

Gas for sale—	
Cubic feet, thousands	203,639,260
Value	$175,065,920
Gas made and consumed—	
Cubic feet, thousands	1,121,108
Coke, bushels	179,128,257
Tar, gallons	151,311,196
Ammonia liquors, gallons	50,737,762
Ammonium sulphate, pounds	6,216,618
Hydrocarbons, value	$ 35,902
All other products, value	20,815,871
Receipts from rents and sales of lamps and appliances	10,977,774

The municipal establishments were mostly in small towns and villages. They were 138 in number, as compared with 119 in 1909, and the value of their products was $1,757,107 as compared with $1,471,097 in 1909. These figures do not include the gas-works of Philadelphia which, although owned by the city, are managed by a corporation. The largest municipal establishments were those of Richmond, Holyoke, Norwich, Westfield, Wakefield, Danville and Alexandria.

Gas Lands. (See Lands, Gas).

Gas, natural, dealers in, licensed, 8584.

Gaugers. (See Weighers and Gaugers.)

Gayhead, Mass., land designated at, for lighthouse, 1221.

"Gazette" Articles.—A series of articles written by John Adams, and published in 1765 in the Boston "Gazette" supporting the refusal of the Colonists to use stamps as required by the Stamp Act (q. v.). These articles set forth the arguments against taxation without representation in convincing style, and therefore were helpful in arousing the public sentiment which led to the Declaration of Independence.

Geary Law, sustained by Supreme Court, discussed, 5868.

General.—Formerly highest rank in the United States Army, conferred in recognition of distinguished military services. It was first created by act of Congress March 2, 1799, and conferred upon George Washington; was abolished in 1802, but was revived July 25, 1866, for Ulysses S. Grant. William T. Sherman succeeded to the rank, March 4, 1869, Grant having become President, and held it until his retirement, Feb. 8, 1884. The grade was revived June 1, 1888, for Philip H. Sheridan, who held it until his death, Aug. 5 of that year, when it ceased to exist. The rank of General was also highest in the Confederate Army. (See Army.)

In the war against Germany, by act of Congress signed by the President in October, 1917, the title of General was bestowed upon John J. Pershing, commander of the American Expeditionary Forces in France, and upon Tasker H. Bliss, Chief of Staff of the Army of the United States. On May 24, 1918, Major-General Peyton C. March, who had succeeded General Bliss as Chief of Staff, was given the rank of General, General Bliss's rank being made by brevet. Later in the year (see page 8761), President Wilson asked Congress to confer the permanent rank of General upon Pershing and March, but Congress complied with the request only in the case of Pershing.

General, permanent rank of, asked for John J. Pershing and Peyton C. March, 8761.

General Allotment Act, mentioned, 6674.

General Armstrong, The:
Claims of owners of, against Portugal, 2268, 2759.
Distribution of fund appropriated for relief of owners and crew of, referred to, 4987.
President of France selected as arbiter in case of, 2655.
Award of Emperor of France, 2722.

General Deficiency Bill.—A bill passed by Congress to provide appropriations omitted from special appropriation bills.

General Grant National Park. (See Parks, National.)

General Land Office. (See Interior, Department of.)

General Land Office:
Appropriations for—
Estimates of, submitted, 4677.
Recommended, 1433.

Business of, suspension of, recommended, 1433.
Creation of new offices in, recommended, 4658.
Discussed, 5638.
Estimates of appropriations required for, submitted, 4677.
Improvements in, recommended, 1381.
Officials of, more needed, 4663, 7816.
Receipts of, 6800.
Surveyor-general's district for Missouri, Illinois, and Arkansas should be divided, 1131.
Work of, 6656.

General Land Office, Commissioner of:
Bill to increase salary of, 4658.
Reports of, 986, 1098, 2130.

General Supply Committee.—The General Supply Committee was created in lieu of the board (Board of Awards) provided for in section 3709 of the Revised Statutes as amended, and is composed of officers, one from each of the executive departments, designated by the head thereof. Its duties are to make an annual schedule of required miscellaneous supplies for the use of each of said departments and other Government establishments in Washington, to standardize such supplies, eliminating all unnecessary grades and varieties, and to solicit bids based upon formulas and specifications drawn up by such experts in the service of the Government as the committee may see fit to call upon, who shall render whatever assistance they may require. Provided, that the articles intended to be purchased in this manner shall be those in common use by or suitable to the ordinary needs of two or more such departments or establishments. Every purchase or drawing of such supplies from the contractor is immediately reported to said committee. No disbursing officer may be a member of the committee.

General Urrea, The, capture off the coast of Texas of, by the *Natchez* and restoration of, referred to, 1617.

Genêt's Activities. (See Citizen Genêt.)

Geneva Convention.—An agreement entered into at Geneva, Switzerland, Aug. 22, 1864, by representatives of France, Belgium, Switzerland, Portugal, Holland, Italy, Spain, Denmark, Baden, and Prussia. It has since been agreed to by all the military powers of Europe and of America, except Brazil. Of Asiatic countries Persia has also consented to be governed by its provisions. The convention provides for the neutrality of ambulances, no distinction of nationality to be made in caring for the sick and wounded. Natives of an invaded country who bring aid to sick and wounded shall be free and respected. If they receive the wounded into their houses, they shall be exempt from military contributions and quartering of troops. Hospitals and their attachés, unless defended by a military force, shall be recognized as neutral. Nurses, surgeons, physicians, and those in charge of administration and transportation shall be marked by a distinctive flag or arm badge, consisting of a red cross on a white ground. The sick and wounded who fall into the hands of the enemy shall, when cured, be returned to their own country, if incapable of service; otherwise they shall be paroled.

In 1868 a second convention at Geneva extended the operations of the system to naval warfare so far as possible. Influenced by the agreement between nations, many Red Cross societies have been organized by humane civilians, whose work has done much to alleviate the horrors of war. The credit of originating the idea of neutralizing the sick and wounded is due to two Swiss gentlemen, Heinrich Dumont, a physician, and his friend, Gustave Moynier, chairman of the Society of Public Utility.

Geneva Convention, for relief of wounded in war referred to, 4631, 4653, 4670.

Geneva Tribunal.—The settlement of the Alabama Claims was referred by the Treaty of Washington to five arbitrators, to be appointed by the President of the United States, the Queen of Great Britain, the King of Italy, the President of the Swiss Confederation and the Emperor of Brazil. These rulers, in the above order, named as arbitrators Charles Francis Adams, Lord Chief Justice Sir Alexander Cockburn, Count Federigo Sclopis, Mr. Jaques Staempfli and Baron Itajuba. J. C. Bancroft Davis and Lord Tenterden, respectively, represented as agents the United States and Great Britain. The tribunal met at Geneva, Switzerland, on Dec. 15, 1871, and Count Sclopis was made president. Each government submitted its proofs and arguments, which were carefully considered by the arbitrators. The United States claimed damages both for direct and for indirect losses, and for injuries occasioned by thirteen vessels. The tribunal decided to allow only direct losses caused by the *Florida* and the *Alabama*, with their tenders, and by the *Shenandoah* during part of their cruise. Various rules of international law were laid down which supported most of the contentions of our government. It was decided that the expenses incurred in pursuing the cruisers and the prospective earnings of the destroyed merchant vessels should not be included in the award; that net, and not gross, freights should be allowed, and that reasonable interest should be included. Finally, on Sept. 14, 1872, the tribunal "awarded to the United States a sum of $15,500,000 in gold as the indemnity to be paid by Great Britain to the United States as the satisfaction of all the claims referred to the consideration of the tribunal." The English representatives cast the only dissenting vote, but Great Britain accepted the decision and paid the award within a year. (See also Alabama Claims.)

Geneva Tribunal (see also Halifax, Nova Scotia):
For settlement of questions pending between United States and Great Britain, discussed, 4097, 4138.
Award of, 4138.
Commissioners to report on distribution of, appointment of, recommended, 4139, 4190.
Payment of, 4190.
Case of United States and counter case referred to, 4115, 4118, 4119.
Differences of opinion regarding powers of, 4120, 4122.
Legislation in connection with, urged, 4164.
Referred to, 4161.

Geodetic Association, International, invitation to United States to become a party to, 5192.

Geographer of United States.—By an act passed May 20, 1785, Congress created a national geographer, whose duty it was to supervise and submit plats to the Treasury Department. The United States Coast and Geodetic Survey now has control of this work.

Geographic Board.—By an Executive Order of Aug. 10, 1906, the official title of the United States Board on Geographic Names was changed to United States Geographic Board, and its duties enlarged. The Board passes on all unsettled questions concerning geographic names which arise in the departments, as well as determining, changing, and fixing place names within the United States and its insular possessions, and all names hereafter suggested by any officer of the Government shall be referred to the Board before publication. The decisions of the Board are to be accepted by all departments of the Government as standard authority. Advisory powers were granted the Board concerning the preparation of maps compiled, or to be compiled, in the various offices and bureaus of the Government, with a special view to the avoidance of unnecessary duplication of work; and for the unification and improvement of the scales of maps, of the symbols and conventions used upon them, and of the methods of representing relief. Hereafter, all such projects as are of importance shall be submitted to this Board for advice before being undertaken.

Geographic Board, United States, powers of, annulled, 8821.

Geographic Names, Board on, Executive order constituting, 5647, 6461.

Geographical Congress of Venice, 4626.

Geographical Survey, practicability of consolidating with Geological Survey discussed, 4218.

Geological Explorations, discussed, 4307.

Geological Survey.—Expeditions for the special purpose of making geological inquiry have been provided for by the General Government and by nearly all the states, beginning with North Carolina, whose legislature authorized a survey of the state in 1823. Such work carried on by the Federal Government is under the supervision of the Department of the Interior. The United States at first attached geologists to exploring parties, but in 1834 sent out a special geological survey under Featherstonhaugh. Similar expeditions set forth in 1839, 1845, 1847, and 1848. In 1867 F. V. Hayden was authorized to survey Nebraska, extending his work later into other territories. In 1871 J. W. Powell was commissioned to survey the country bordering upon the Colorado River, and G. M. Wheeler was put in charge of a topographical survey.

In March, 1879, the United States Geological Survey was established, and the Hayden, Powell, and Wheeler surveys consolidated with it. The five branches of the Survey are: (1) Administrative; (2) Geologic, including the making of the geologic map and the study of economic geology; (3) Topographic, including the making of the basic topographical map which has been extended over 31 per cent of the area of the United States; (4) Hydrographic, including the Reclamation Service which has Irrigation (q. v.) work in charge and which determines the flow and discharge of rivers; (5) Publication Branch.

In a recent year, the detailed surveys made covered 6,871 square miles and the reconnaissance surveys, 36,791 square miles—a total of 43,662 square miles. Geological and survey work was prosecuted in the metal-mining, coal, oil and gas fields. Extensive searches were made for deposits of potash and nitrates, and valuable co-operation was rendered to state geological surveys and other governmental departments and bureaus.

The Geological Survey has covered about 1,300,000 square miles of the country (almost half the total area) in topographical maps on a large scale, which may be purchased at a nominal charge. About 20,000 square miles of this area is mapped out annually.

There are distributed annually about 600,000 books, 600,000 topographical maps and 25,000 folders.

Geological Survey. (See also under Interior Department.)

Information office, central, established in, 8821.

Practicability of consolidating with Geographic Survey discussed, 4218.

Report of Director of, discussed, 4577, 6656.

Georges Shoals, survey of, completed, 1610.

Georgetown, D. C.:

Act transferring duties of trustees of colored schools in Washington and, vetoed, 3903.

Water supply for, referred to, 2698, 2725, 2750.

Georgia.—One of the thirteen original states; nickname, "The Empire State of the South"; motto, "Wisdom, Justice, Moderation." It lies between lat. 30° 20′ and 35° north and long. 80° 40′ and 85° 38′ west, an area of 59,265 square miles. It is bounded on the north by Tennessee and North Carolina, on the east by South Carolina (separated by the Savannah River) and the Atlantic Ocean, on the south by Florida, and on the west by Alabama (separated in part by the Chattahoochee River). The surface is level in the south, rolling in the center, and mountainous in the north. Georgia was settled by English colonists under Oglethorpe in 1733. It is one of the leading States in the production of cotton. Lumber, rice, gold, iron, and coal are also produced. The manufacture of cotton and woolen goods and the production of iron are industries which have rapidly developed in recent years.

Georgia passed an ordinance of secession Jan. 19, 1861. It was restored to the Union by act of Congress June 25, 1868.

Statistics of agriculture collected for the last Federal Census, place the number of farms in the State at 29,027, comprising 26,953,413 acres, valued with stock and improvements at $580,546,381. The average value of land per acre was $13.74 against $5.25 in 1900. The value of domestic animals, poultry, etc., was $80,393,993.

Latest annual figures for the principal crops are as follows:

Crop	*Bushels*	*Value*	*Acreage*
Cotton ..	1,730,000a	$309,670,000	5,288,000
Corn ...	69,890,000	111,824,000	4,820,000
Peanuts..	5,050,000	12,423,000	202,000
Hay	613,000b	15,509,000	557,000
Sweet Potatoes.	13,064,000	14,370,000	142,000
Tobacco	16,430,000c	3,532,000	31,000
Oats ...	10,800,000	12,420,000	540,000
Wheat ..	2,520,000	6,628,000	240,000

a—bales; b—tons; c—tons.

Georgia is primarily an agricultural state, its chief crop being cotton. The production of cereals is of importance chiefly in the northern part of the state. Along the coast much rice is raised. There are large pine forests and there is some oyster- and shad-fishing. The growth of sugar cane is increasing. Latest figures show in the state 132,000 horses, valued at $20,988,000; 351,000 mules, $75,815,000; 461,000 milch cows, $29,965,000; 771,000 other cattle, $20,971,000; 125,000 sheep, $612,000; and 3,165,000 swine, $53,488,000. The last annual wool clip was 422,000 pounds.

There are also important mineral deposits, the output averaging about $5,000,000 annually. The chief source of value is the stone, especially Georgia marble, which has a national reputation. About 165,000 short tons of coal and 100,000 long tons of iron ore are extracted annually.

In 1910, the population was 2,609,121. By the 1920 census it was 2,893,955. In 1910, about 45% of the population were negroes. There are few persons of foreign birth.

Latest figures show a white school population of 429,000, of which 414,600 are enrolled, and a negro school population of 366,475, of which 263,535 are enrolled. The average total daily attendance is 459,000. The annual expenditure for education, according to latest reports, was $9,175,000.

The number of manufacturing establishments in Georgia having an annual output valued at $500 or more at the beginning of 1915 was 4,639. The amount of capital invested was $258,849,000, giving employment to 118,574 persons, using material valued at $160,199,000, and turning out finished goods worth $253,320,000. Salaries and wages paid amounted to $49,962,000.

Georgia (see also Atlanta; Augusta; Confederate States):
Act of legislature ratifying resolution of Congress, referred to, 168.
Africans landed on coast of, referred to, 3065, 3069, 3086.
Arsenal in. (See Augusta.)
Articles of agreement and cession with United States referred to, 992.
Boundary line between—
Florida and, 895, 961, 1124, 1260.
United States, and, 329.
Branch mint in, referred to, 1383, 1495.
Campaign in, discussed. (See Civil War.)
Citizens of, must not trespass upon Indian lands, 936.
Claims of, against Creek Indians, 652.
Colored members in legislature of, unseated, discussed, 3982.
Constitution of, referred to, 3832.
Deposits of provisions at posts in, contracts regarding, 598.
Fourteenth amendment to Constitution ratified by, proclamation announcing, 3858.
Indian depredations in, 1645.
Indian titles in, extinguishment of, referred to, treaty for, recommended, 637.
Indians attempt to establish government in, 1020.
Internal-revenue tax due from, suspension of collection of requested, 3588.
Lands donated to, for benefit of colleges and mechanic arts, accepted, 3587.
Lands in—
Compact with United States regarding, 803, 850, 936, 1085.
Conflicting claims regarding, of—
Indians and State, 936, 939, 941, 990, 991.
United States and State, 290.
Extinguishment of Indian title to, 769, 771.
Recommended, 637.
Treaty for, referred to, 684.
Sale of, act for, 167.
Military authorities in, not vested with authority to interfere with contracts between individuals, order regarding, 3548.
Payment of amount due citizens of, under treaty with Creeks referred to, 968.
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Political and civil condition of, referred to, 3998.
Property owners in, should be compensated for losses sustained, 1474.
Provisional governor for, appointed, and restoration of into Union, discussed, 3516.
Reconstruction of, referred to, 4002.

Georgia.—A republic in extreme southeastern Europe, in the region between the Black and the Caspian Seas (the Caucasus). It became a separate entity after the overthrow of Tsarist Russia, of which it was a part, and proclaimed its independence on May 26, 1918. It lies high among the Caucasus Mountains, with little land under cultivation, but with rich virgin forests and abundant mineral deposits, especially copper. Its area is about 30,000 square miles and its population, about 2,900,000. The population is extremely mixed, with some ten races represented, none of which has the ascendency. Georgia is traversed by the railroad connecting Batum, on the Black sea, with Baku, on the Caspian. The chief city and capital is Tiflis.

In May, 1920, a treaty was signed between Soviet Russia and Georgia, by which the former agreed to recognize the independence of the latter. The Georgian Republic as recognized by the Bolsheviki constituted the old Russian Governments of Tiflis, Kutais and Batum, the districts of Zakataly and Sukhum, and a portion of the Black Sea Government. In 1915, this territory, outside of the portion of the Black Sea Government, amounted to 30,698 square miles, with a population of 2,899,900. The whole Black Sea Government in that year amounted to 3,220 square miles, with a population of 201,800.

Georgia, The.—A Confederate cruiser built at Glasgow, Scotland, and sent out to prey upon the commerce of the United States during the Civil War. The *Georgia* sailed from Glasgow in April, 1863, under the name of the *Japan*, and destroyed a number of Federal merchant vessels off the coast of France. Aug. 15, 1863, she was seized by the U. S. S. *Niagara*, Capt. Craven, and taken to England.

Georgiana, The, seizure of, by Spanish or Cuban authorities, referred to, 2679.

Claims arising out of, referred to, 2721, 2900.

Convention with Peru regarding claims arising out of capture of, 3353.

German-Americans.—Americans of German birth or descent. Soon after the outbreak of the European War, the term became applied in the United States to those German-Americans who were faithful to their fatherland, even at the expense of the United States, who thus were dominated by the spirit of "Hyphenated-Americanism" (q. v.). Many of the persons falling within this latter restricted use of the term endeavored to cause strikes in munition factories, prevent by illegal methods the exportation of United States goods, and in other ways embarrass the United States in order to help Germany. This latter unpatriotic group, however, as President Wilson himself consistently declared, formed but a small percentage of the entire group of German-Americans. (More persons have immigrated to the United States from Germany than from any other country—see Immigration.) After the United States formally recognized the existence of a state of war with Germany, trouble was feared from the smaller group of German-Americans whose pro-German activities had brought discredit upon the larger group of German-Americans but such fears were discovered to be groundless.

German Austria. (See Austria.)

German Confederation, neutrality of United States in war between Denmark and, discussed, 2548.

German Insurance Companies.—Because of the uncertainty of the status of insurance companies incorporated under the laws of the German Empire but doing business in the United States, during the war between the United States and Germany, President Wilson on April 6, 1917, issued a proclamation on the subject. The proclamation announced that the German insurance companies were allowed to continue their business in the different states as though a state of war did not exist, provided that funds belonging to or held by such companies should not be sent outside the United States or used as a basis for the establishment of any credit for an enemy of the United States or for any allies of such enemy. (See page 8246.)

Germanic Association of Customs and Commerce:

Establishment and growth of, referred to, 2113.

Treaty with, regarding duty on agricultural products, 2167.

German Insurance Companies. (See Germany, Insurance Companies of, below.)

German Nationality, three million of, included in Czecho-Slovakia by peace treaties of World War, 8837.

Germantown (Pa.), Battle of.—After the American defeat at Brandywine Creek and the British occupation of Philadelphia, Washington determined to attack the main body of Howe's army, which was quartered in Germantown, a suburb of Philadelphia. The American army was encamped at Skippock Creek, 20 miles from Philadelphia, and consisted of about 10,000 men. About two-thirds of these, under Generals Sullivan and Wayne, started for Germantown on the evening of Oct. 3, 1777. Washington accompanied Sullivan's division. The battle opened about 7 A. M. on the 4th. The attack failed on account of fog and a misunderstanding among the officers. After 3 hours of severe fighting the Americans were obliged to retreat with a loss of 673 killed and wounded and some 400 prisoners. The British loss was reported at 535, including Gen. Agnew and Lieut.-Col. Bird, though 800 is claimed to be a more approximate figure. Washington retired to his former camp and Gen. Howe returned to Philadelphia.

Germany.—A Republic (since November, 1918) of north central Europe. On the north it is bounded by the North Sea, Denmark and the Baltic Sea; on the northeast by Lithuania; on the east by Poland; on the southeast by Czecho-Slovakia; on the south by Austria and Switzerland; and on the west by France, Belgium and Holland. On the northeast a section of East Prussia is divided from the remainder of Germany by Poland and Danzig. Before the World War its area was 208,780 sq. miles and its population was 67,812,000; but the terms of peace of the War deprived Germany of some of its territory and population—the exact figures undeterminable until after the last of the referenda provided for by the peace terms. The loss of Posen, parts of Silesia and Danzig to the new states of Poland and Czecho-Slovakia; of a portion of Slesvig wrested from Denmark in 1864 and restored by a referendum in 1920; of Alsace-Lorraine to France; of the Sarre Basin to the League of Nations, and of small sections in the west (Malmédy and Eupen) to Belgium will probably show Germany to have been reduced to a territory of some 175,000 square miles and a population of about 60,000,000. The districts ceded or liable to cession by plebiscite amount to 37,999 square miles in area, with a population of 11,360,000. In addition, as a result of the War, Germany lost colonies, chiefly in Africa, of an area of 1,134,000 square miles and a population of 13,000,000.

History.—The Germans, or Teutons, are an Indo-European race, arising from obscurity into the annals of history in the fourth century B. C. Some fifty years before the beginning of the Christian era they were conquered by the Romans, but Rome lost her grip upon them in the third century A. D. German history is then practically a blank until the reign of Charlemagne, early in the ninth century, in whose great kingdom it was included. In the partition of Charlemagne's empire in 843, the eastern or Germanic third was placed under Louis the German, whereupon Germany fell under the sway of the feudal system, with many feudal lords and chieftains disputing the power of the central government and with a congeries of almost independent feudal fiefs held but loosely together by recognition of any common allegiance.

In 962, the Holy Roman Empire, of which the territory now known as Germany was the integral part, was founded, to drag through the centuries until its existence was officially ended by Napoleon in 1806. Indeed, the territory now called Germany did not achieve unity until the nineteenth century. In the years between the dissolution of the medieval system toward the end of the fourteenth century and the nineteenth century, Germany remained distinctly a backward land, torn by civil, religious and religious strife. It was the centre of the religious movement known as the Reformation in the sixteenth century, and to this day the majority of the Germans are Protestants.

However, in the eighteenth century, one of the many Germanic kingdoms, Prussia, began to acquire great power. By a succession of wars, by able leadership and by a highly-trained army, Prussia had become by the end of the eighteenth century a most powerful kingdom and had absorbed within itself much German territory. The Congress of Vienna in 1815, at the close of the Napoleonic Wars, saw Prussia left with almost the same territorial limits as the Prussia of today, and the many smaller German states were left within the German Confederation into which they had been coalesced by Napoleon.

In the first half of the nineteenth century, the industrial revolution effected by the invention of machinery gained a foothold in Germany, and economic forces gave the country a unity which had previously been lacking. By the middle of the century, Prussia had taken the lead in organizing the economic unity of the land, with the result of weakening the position of Austria, who was the leading force in the German Confederation. In 1864, Prussia, now under the chancellorship of Otto von Bismarck, defeated Denmark, and two years later gained the ascendancy in the territory soon to be organized into the German Empire by decisively defeating Austria. Prussia then organized the northern parts of that territory outside of her own boundaries into the North German Federation, of which she was the dominating force, while the four large German states in the south organized the South German Federation. By this time, art, music, philosophy, history, literature and especially science were making great strides in German territory, which in many respects might well claim to be leading the progress of the world.

In 1870, Bismarck induced France to declare war upon Prussia, and Prussia's overwhelming victory over France was the last touch needed to effect German unity. In 1871, all the German states became organized into the German Empire, with Prussia as the corner-stone and with the King of Prussia the German Emperor. In the following years, industry grew apace in Germany, and changed the country rapidly from an agricultural to probably the leading industrial nation of the world. Population and wealth, as well as the well-being of the people, grew apace, and with the increase of Germany's military force, she became the dominant nation of Europe.

In foreign affairs, Germany's policy was to keep France isolated, but soon after William II came to the throne in 1888, Germany had to choose between Austria-Hungary and Russia as an ally, and chose the former, with the result that France and Russia formed a close offensive and defensive alliance, while Austria-Hungary fell more and more thoroughly under German domination. Italy also was an ally of Germany, but by the twentieth century Italy's adherence to this Triple Alliance had become nominal. Until the twentieth century, England was friendly to Germany, but by the twentieth century Germany's unprecedented industrial development had sent her out into the markets of the world and brought her into direct commercial conflict with England. Germany began to built a great fleet to challenge the British naval supremacy, and as a result in 1904 and 1905 England joined the Entente of France and Russia against Germany and Austria-Hungary. The antagonism between the two European camps became more pronounced in disputes in Morocco in 1905 and 1911, in Bosnia and Herzegovina in 1908, and in the Balkan Wars of 1912-1913, and there was little surprise in the minds of students of international affairs when in 1914 Germany decided to force a war in order to clinch her domination of Europe. For the circumstances leading to the World War and for its results, consult World War.

From 1871 to 1918 the Government of the Empire was undemocratic; and, with the exception of Tsarist Russia, Germany was the only great power of Europe not to accept the premises of parliamentary and representative government. The Emperor or Kaiser had complete control of the foreign relations of the Empire, could declare an defensive war on his own authority and needed only the assent of the Bundesrat (not the popularly-elected Reichstag) to declare an offensive war. The chancellor and his cabinet were appointed by and were responsible only to the Kaiser. The Kaiser had also complete control of the army and navy.

The Bundesrat was composed of 61 members appointed by the rulers of the various states composing the Empire. The elected body was the Reichstag, whose chief power lay only in its control of the finances, its assent being required for the taxation proposals of the Government. The election districts of the Reichstag were not altered since 1871, and as since that day there had been a steady diversion of the population from the country to the city, the conservative agricultural districts were over-represented in the Reichstag while the more progressive urban districts were un-

der-represented. Thus in 1912 a popular Socialist vote of 35% of the total vote gave the Social Democratic Party only 29% of the representatives of the Reichstag. In Prussia and in some of the other states, representation was divided into three classes according to wealth, so that the upper and middle classes, irrespective of numbers, always held the upper hand. Moreover, the voting was oral, not secret. There was practically no woman suffrage in the Empire.

In November, 1918, as a result of Germany's surrender in the World War, the Emperor (Kaiser) abdicated and Germany was declared a republic. At about the same time, most of the various states comprising the former empire also adopted the republican form of government. In 1919, a constituent assembly met to frame a constitution, as a result of which the first democratic elections were held. The first president of the German Republic was Friedrich Ebert (Social Democrat), but the true head of the Government, as in France and Great Britain, is the chancellor, or premier of the cabinet. The Government was a coalition one, with the Socialists (Social Democrats) more powerful than any other political party. The strength of the political parties in the Republic after the World War may be understood by the number of delegates of the several parties elected to the Constituent Assembly, viz:

Social Democrats (Socialists)	165
Independent Socialists	22
Centre (Catholic) Party	90
German Democratic Party	75
National People's Party	42
People's Party	22
Miscellaneous	7
Total	423

Some of the more important of the component states of the German Republic are described in the Encyclopedic Index under their own headings.

Government.—By the Constitution framed by the National Assembly at Weimar in 1919 and adopted by the German people in a referendum, the head of the Republic is a President, elected by the people for a term of seven years. He governs through a Cabinet, headed by a Prime Minister, the Government being responsible to the Reichstag. The Reichstag is elected for four years on a proportionate basis, elections being by both male and female voters over the age of 20, by equal, direct and secret ballots. All privileges and disadvantages of birth, class or creed are abolished, and all persons are declared equal before the law. All the states of the Republic are required to have a representative form of Government.

Provisions are made for the use of the initiative, referendum and recall, even the President being subject to recall. The National Assembly may be dissolved by the President, but only once for the same cause, and it must be re-elected within sixty days of such dissolution. The members of the cabinet and delegates of the several states have the right to appear and be heard on the floor of the Reichstag. War and peace may be declared only by national law. The foreign relations and the army and navy are in charge of the President, but all orders of the President, including those concerning the army and navy, must be countersigned by the prime minister or his representative, the President being thus unable to act without the assent of the Government responsible to the Reichstag. The chancellor or any of the members of the Cabinet must resign if the Reichstag passes a vote of No Confidence in him. The Cabinet makes its decisions by a majority vote. The Reichstag may impeach the President, the chancellor or any of the ministers before the Supreme Judicial Court of the Republic.

There is also a National Council, in which each state of the Republic has one vote for each million inhabitants or fraction thereof. Its functions are largely advisory, for every bill to be submitted by the Cabinet to the Reichstag must be submitted to it for criticism, and it has the right to compel the Government to introduce into the Reichstag any legislation desired by it, but opposed by the Cabinet. If the national council disapproves a bill passed by the Reichstag, it must be re-passed by a two-

Area and Population.—The last official census of Germany was taken before the World War and gave the following figures for the several states of the Empire:

States and Capitals	Area in English Sq. Miles	Population
Kingdoms—		
Bavaria (Munich)	29,292	6,887,291
Prussia (Berlin)	134,616	40,165,219
Saxony (Dresden)	5,789	4,806,661
Württemberg (Stuttgart)	7,534	2,437,574
Grand Duchies—		
Baden (Karlsruhe)	5,823	2,142,833
Hesse (Darmstadt)	2,966	1,282,051
Mecklenberg-Schwerin (Schwerin)	5,068	639,958
Mecklenberg-Strelitz (Neu-Strelitz)	1,131	106,442
Oldenburg (Oldenburg)	2,482	483,042
Saxe-Weimar (Weimar)	1,397	417,149
Duchies—		
Anhalt (Dessau)	888	331,128
Brunswick (Brunswick)	1,418	694,339
Saxe-Altenburg (Altenburg)	511	216,128
Saxe-Coburg-Gotha (Coburg and Gotha)	764	257,177
Saxe-Meiningen (Meiningen,)	953	278,762
Principalities—		
Lippe (Detmold)	469	150,937
Reuss—Elder Line (Greiz)	122	72,769
Reuss—Younger Line (Gera)	319	152,752
Schaumburg-Lippe (Bückeburg)	131	46,652
Schwarzburg-Rudolstadt (Rudolstadt)	363	100,702
Schwarzburg-Sondershausen (Sondershausen)	333	89,917
Waldeck (Arolsen)	433	61,707
Hanse-Towns—		
Bremen	99	299,526
Hamburg	160	1,014,664
Lübeck	115	116,599
Reichsland—		
Alsace-Lorraine (Strassburg)	5,604	1,874,014
Total	208,780	64,925,993

Of the above, the *Reichsland*, Alsace-Lorraine, was returned to France in 1920, and Prussia and Bavaria suffered a loss of territory and population as a result of the settlements of the World War, described above.

The generally accepted religion of the people is Lutheran, but there are many congregations of Catholics and others. The census of 1910 showed: Protestants, 39,991,421; Catholics, 23,821,453; Other Christians, 283,946; Jews, 615,021; Others (or of unknown religions), 214,152.

thirds vote of the Reichstag, or else by a majority of votes in a popular referendum. Amendment of the Constitution is by a two-thirds vote of the Reichstag when two-thirds of the members are present or else by a majority vote of the people in an election.

Censorship is abolished and freedom of press, speech, assemblage and industrial organization is guaranteed. Espionage over telephone, telegraph and mail is permissible only by due process of law. Marriage is made equal for both sexes, motherhood is guaranteed the support of the state and illegitimate children given every right pertaining to legitimate children. Freedom of religious belief is guaranteed. There are also extensive provisions looking to the nationalization of all essential industries.

Finance.—Before the World War, the German public debt was $1,200,000,000. At the close of the War it was $39,000,000,000. The first provisional annual budget after the War balanced at $3,250,000,000.

The unit of value is the mark of 100 pfennige. One mark is equal to $0.238 United States money. One dollar United States money is equal to 4 marks 81 pfennige.

Army and Navy.—By the terms of the Peace Treaty of Versailles, the German army is restricted to 100,000, including 4,000 officers, and may be used only for the maintenance of order and the patrol of frontiers. There are definite restrictions upon the amount of war material which Germany may produce, and importation and exportation of war material are both forbidden. Conscription and universal military training are forbidden. The German fleet existing at the time of the treaty was to be surrendered and demobilized and the future German navy is restricted to 6 small battleships, 6 light cruisers, 12 destroyers, 12 torpedo boats, and no submarines, with a force that must not exceed 15,000.

Production and Industry. — More than 90% of the area of Germany is productive, about half of it being arable. The latest figures showed 5,736,082 farms cultivated by one household, with an average area of 13.7 acres per farm. Recent figures show the area under the different crops as follows, in acres:

Rye	14,366,302	Wheat	3,588,395
Oats	8,165,280	Barley	3,412,857
Potatoes	6,818,860	Beets	1,004,265

The total annual yield of the products of the above acreage, in terms of metric tons of 2,204 lbs., was as follows:

Potatoes	29,469,718	Oats	4,680,755
Beets	9,883,800	Wheat	2,458,418
Rye	8,009,090	Barley	2,064,588

The last figures for the fruit trees of Germany date before the World War. They were as follows:—Apple, 74,376,000; Pear, 30,789,000; Plum, 64,547,000; Cherry, 21,390,000; Peach, 2,021,000; Walnut, 2,192,000; Apricot, 769,000, a total of approximately 196,000,000.

The last census showed the number of farm animals as in the table below, but these figures were decreased by the slaughter made necessary by the food shortage in the last months of the World War.

Horses	3,342,000	Swine	2,763,610
Sheep	6,167,000	Cattle	21,462,000
Goats	3,438,296		

The forests in Germany are under the scientific care of the Government. The forest area before the War was placed at 34,570,000 acres, of which 676,000 were Crown forests, 11,000,000 were State forests and 5,577,000 were Communal forests. About one-third of the forest area is under foliage trees. Before the War, the annual yield was about 26,000,000 cubic feet of timber and 23,000,000 cubic feet of firewood.

Most of the minerals of Germany come from Prussia, the great mining districts being Westphalia, Rhenish Prussia and Silesia for coal and iron, the Harz for silver and copper, and Silesia for zinc. There are coal, iron and silver mines in Saxony and iron ore fields in Luxemburg. Before the War there were 1,200,000 persons employed in the 4,275 mines and foundries of Germany. The annual mineral production before the War was as follows:

Coal	191,511,000	metric tons
Lignite	87,233,000	metric tons
Iron Ore	28,608,000	metric tons
Zinc Ore	642,000	metric tons
Lead Ore	110,000	metric tons
Copper Ore	948,000	metric tons
Rock Salt	1,392,000	metric tons
Potassic Salt	13,306,000	metric tons
Pig Iron	19,292,000	metric tons
Ingot Steel	14,872,000	metric tons
Potash	10,109,000,000	cwt.

In normal times, about 35,000 persons are engaged in the fisheries, with some 700 boats in the North Sea. Before the War, the annual value of the North Sea and the Baltic Sea fisheries was about $10,000,000.

Among the more important manufactures are iron, steel, textiles, linen, cotton goods, woolens, silk, beet sugar, glass, porcelain, earthenware, clocks and watches, woodwork, and beer. Figures for the manufacturing activities are unreliable in view of the industrial upset incident upon the World War.

By the terms of peace of the World War, Germany agreed to pay to her former opponents, in reparation for the destruction wrought by the War, as much of the cost of the War as an Inter-Allied Reparations Commission agreed should and could be paid. A definite part of this sum was set for payment within the several years immediately following the conclusion of peace. Germany was compelled also to replace the shipping lost by the Allies during the War, to build shipping for the Allies from 1920 to 1925 to the extent of 200,000 gross tons annually, to deliver coal, coal-tar products, dyestuffs and chemical drugs in specific amounts to be determined by the Reparations Commission. Germany was compelled to give to France, Belgium and Italy coal to the extent of about 20,000,000 to 25,000,000 tons annually in the forthcoming years. It was estimated that by the terms of the Treaty of Versailles Germany lost 70% of her iron and 30% of her coal. For five years after the conclusion of peace, Germany had to give her late enemies the most favored nation tariff treatment.

Commerce.—The tariff policy of Germany was made protectionist in 1879. In 1913, imports into Germany amounted to $2,750,000,000 and exports from Germany to $2,500,000,000. By far the leading import was foodstuffs, followed by mineral raw materials, textile materials and manufactures, base materials and manufactures, chemical and pharmaceutical goods. The leading exports were base materials and manufactures, agricultural products and foodstuffs, textile materials and manufactures, machinery and electro-technical goods,

mineral raw materials and chemical and pharmaceutical products. Of single items, the chief imports were cotton, wheat, raw wool, barley, copper, skins and hides, iron ore, coffee, coal, eggs, furs, nitrate, raw silk, bran, rubber. The chief exports, in order, were machinery and parts, iron and iron goods, coal, cotton goods, woolen goods, sugar, paper and paper goods, furs, silk goods, coke, dyes (aniline), rye, clothing, copper goods, leather goods, toys.

The countries of chief trade in 1913, in thousands of marks, were as follows:

Country	*Imports*	*Exports*
United States	1,711,200	713,200
Russia in Europe	1,424,600	880,000
Great Britain	876,100	1,434,200
Austria-Hungary	827,300	1,104,800
France	584,200	789,900
British India	541,800	150,700
Argentina	494,600	265,900
Belgium	344,600	551,000
Netherlands	333,000	693,500
Italy	317,700	393,500
Australia	296,100	88,500
Switzerland	213,300	536,100

Before the War, the German merchant marine comprised 2,170 steamers of 2,832,312 net tons and 2,765 sailing vessels of 487,759 net tons. Of the sailing vessels, 1,481 were totally of iron or steel. About 35,000,000 shipping tonnage visited German ports annually before the War.

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Germany, Treaties with.—As soon as the German Empire was constituted in 1871, treaties then in force with the individual component States were abrogated; many, however, remained in force and are to be found under the headings of Baden, Bavaria, Prussia, Saxony, etc. A consular convention was concluded in 1871.

In 1900 a reciprocal commercial arrangement was made with Germany. It contains certain concessions of import duties upon specified classes of goods coming from Germany; and Germany makes compensating concessions upon classes of goods going into Germany. This agreement was made subject to three months' notice of intention to terminate and was denounced by Germany to take effect Feb. 28, 1906. Agreements were effected by the exchange of notes for the reciprocal protection of trade-marks in Morocco in 1901 and in China in 1905. A reciprocal trade agreement was entered into in 1906, and superseded by another in 1907, and this was terminated on notice given by the United States under direction of the tariff act of 1909. The patent convention of 1909 is still in force.

Samoan Islands—In 1889 a general act providing for the neutrality and autonomous government of the Samoan Islands was concluded between the United States, Germany and Great Britain. This provided for the establishment of a supreme court for the islands, and confirmed titles to lands. Interference in political struggles in the islands in 1899 by commanders of British and American warships resulted in the appointment of a court of claims. King Oscar of Sweden was agreed upon as arbitrator. His decision held the United States and Great Britain responsible for all damages caused by unwarranted military operations in the islands. By a convention of Dec. 2, 1899, the general act and treaties relating to Samoa were annulled and a new article was signed by the three powers in which Germany and Great Britain renounce in favor of the United States all their claims to Tutuila and all other islands of the Samoan group, while the United States renounced to Germany all claims to the islands of Upolu, Savaii and other islands west of long. 171° west. (See also Samoan Islands; Tutuila.)

The terms of the treaty of peace between the United States and Germany at the close of the World War are summarized on pages 8737-8757. The German Republic took over the treaties which had been in force with the German Empire.

Gerrymander.—An arbitrary arrangement of the legislative or Congressional districts of a state regardless of geographical contiguity and compactness, whereby a minority of the voters of one party may be so grouped as to elect all or a majority of the representatives in Congress or a state legislature. The word was coined in 1811 from the name of Elbridge Gerry, who as governor of Massachusetts signed a bill passed by the Democratic majority of the legislature grouping the sections which gave the Federalists majorities into one district, with a fancied resemblance to a salamander.

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Gettysburg Address.—Immediately after the battle of Gettysburg, Congress set aside the battlefield as a national burial-ground for soldiers; and it was at the dedication of the new national cemetery on November 19, 1863, that Lincoln delivered the address which has forever afterwards been called by the name of the little town in Pennsylvania. There is some dispute as to the manner in which the address was prepared, one legend running that Lincoln wrote it in a few minutes on the back of an official Government envelope while on the special train which was conveying him to the dedication ceremonies. The consensus of valid opinion, however, indicates that the address was prepared with great care in Washington some days before it was delivered, although Lincoln may have slightly revised it on the evening before or the day of the dedication itself. Lincoln held a written copy of his remarks in his hand when he rose to speak after the two hours' address of Edward Everett, whose sonorous and polished phrases had mightily moved the audience before him. The fewness and the simplicity of Lincoln's immortal words, after Everett's lengthy peroration, could not but engrave them indelibly on the minds of those who were privileged to hear them.

The speech stands out as an acknowledged classic,—many scholars pronouncing it the greatest short speech ever delivered. Lincoln made several autograph copies, by request, for different individuals and patriotic institutions. Various slight alterations appear in the various reproductions, and it is not certain which of the manuscripts is precisely correct. Between page 3401 and page 3402 appears a facsimile of one of the manuscripts. Below is quoted the text of a facsimile of another manuscript; the latter being the one found in Nicolay and Hay's life of Lincoln, which does not purport to be the original, but is a copy made by Lincoln especially for the Soldiers and Sailors Fair at Baltimore in 1864:

"THE GETTYSBURG ADDRESS.

Fourscore and seven years ago our fathers brought forth on this continent a new nation, conceived in liberty, and dedicated to the proposition that all men are created equal.

Now we are engaged in a great civil war, testing whether that nation, or any nation so conceived and so dedicated, can long endure. We are met on a great battle-field of that war. We have come to dedicate a portion of that field, as a final resting-place for those who here gave their lives that that nation might live. It is altogether fitting and proper that we should do this.

But, in a larger sense, we cannot dedicate,—we cannot consecrate,—we cannot hallow this ground. The brave men, living and dead, who struggled here have consecrated it, far above our power to add or detract. The world will little note, nor long remember, what we say here, but it can never forget what they did here. It is for us, the living, rather to be dedicated here to the unfinished work which they who fought here have thus far so nobly advanced. It is rather for us to be here dedicated to the great task remaining before us,—that from these honored dead we take increased devotion to that cause for which they gave the last full measure of devotion—that we here highly resolve that these dead shall not have died in vain,—that this nation, under God, shall have a new birth of freedom—and that government of the people, by the people, for the people shall not perish from the earth. ABRAHAM LINCOLN."

Gettysburg, Pa., address of President Wilson at, 7881.

Gettysburg (Pa.), Battle of.—After the remarkable success of the Confederate arms at Chancellorsville, and in response to a general demand of the people of the Confederacy, Gen. Lee determined upon an invasion of the Northern States. In the early days of June, 1863, he started his army on the northward march into Pennsylvania. Passing up the Shenandoah Valley by way of Winchester (at which latter place he defeated Gen. Milroy, capturing 4,000 prisoners and 28 cannon), he crossed the Potomac at Williamsport and Shepardstown, arriving in Hagerstown, Md., with a force of 68,352 effectives, according to Confederate accounts, or 97,000 men and 280 guns, according to some Federal accounts. Hooker's army numbered almost 80,000. By June 27, Lee had reached Chambersburg, Pa., with Longstreet's and Hill's corps. Ewell having pushed on as far as Carlisle and York. While the Confederates moved up the west side of the Blue Ridge Mountains Hooker marched along the east side, keeping always between his adversary and Washington. The movement of the Confederates toward the east through Chambersburg threatened Harrisburg and Columbia, and eventually Baltimore. Hooker asked to be relieved of command, which request was immediately granted, and he was succeeded by Gen. George G. Meade, who assumed command June 28. Meade was now reenforced by 15,000 men from Washington and 2,100 from the Middle Department and granted the privilege of calling upon the 11,000 at Harpers Ferry, making the two armies thus advancing to battle on Northern soil numerically equal, according to Northern statements.

Lee, learning on June 28 that Meade was just across the South Mountain, and fearing the latter might attempt to cut off his communications with the Potomac by an advance through the mountain gaps in his rear, determined upon an eastern movement. Meade surmised that Lee would attempt a movement south on the east side of the South Mountain, and prepared to meet him and give battle at Pipe Creek, near Taneytown, Md., 15 miles southeast of Gettysburg. The left wing of the Federal army, consisting of the First, Eleventh, and Third corps, was sent forward to Gettysburg to mask the Pipe Creek movement.

On the morning of July 1, 1863, Buford's cavalry, which had moved west of Gettysburg on the Chambersburg road, encountered the Confederate advance under Hill and Heth and were driven back to Seminary Ridge, west of the town. The corps were scarcely placed in line of battle when Gen. Reynolds was mortally wounded and the command of the field devolved upon Howard. He was later in the day superseded by Gen. Hancock. During the afternoon Ewell's corps and two-thirds of Hill's reenforced the Confederates and drove Reynolds's and Howard's corps to Cemetery Hill, south of the town, inflicting upon them a loss of nearly 10,000 men and 16 guns. Gen. Lee ordered Ewell to press forward and take the hill. Ewell failed to push on. On the advice of Hancock, Meade moved his whole army during the night and occupied Cemetery Hill. Lee's army was posted along Seminary Ridge, west of the town. July 2 the fighting of both armies was directed toward securing good positions, the Confederates gaining in two or three advance movements and capturing some trophies and prisoners. The attack on Cemetery Hill, while nearly successful, was disjointed, the Confederates retiring with their prisoners. The Union loss the second day was 10,000. Sickles losing half of his men. The Confederate losses were also great. July 3, the day of the decisive action, opened with slight skirmishing. After noon a heavy cannonade was kept up between the two armies for 2 hours. About 3 o'clock in the afternoon the Confederates, under Pickett, made a grand assault. They went forward in the face of a terrible fire and met with almost complete destruction. Hay's division took 2,000 prisoners and 15 colors; Gibbon's division took 2,500 prisoners and 12 colors. The charge on the left was under Pettigrew, and was made with the same desperate valor. The entire Federal losses at Gettysburg were 3,155 killed, 14,529 wounded, and 5,365 missing—a total of 23,049. The Confederate losses footed up, according to official reports, a total of 20,451 of whom 2,592 were killed, 12,709 wounded, and 5,150 taken prisoners. This report does not include the artillery losses. Gettysburg was probably the crucial battle of the Civil War. (See illustration opposite 3289.)

Gettysburg Battlefield, work of locating and preserving lines of battle at, 5879.

Ghent, Treaty of, between United States and Great Britain, 537, 819.
Commissioners—
Copy of journal of, transmitted, 1026.
Disagree in opinions on, 777, 819.
Expenses of, referred to, 650.
To conclude, communications from and instructions to, 536, 537.
To make international boundary in Passamaquoddy Bay according to description of, 6063.

Construction of, referred to Emperor of Russia for arbitration and interpretation of, 645, 672.
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Opinion of Attorney-General on, 966.
Ratification of, 767.
Convention for payment of claimants under, 959.
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Expresses incurred under, referred to, 6282.
Exportation of slaves by Great Britain in violation of, 629.
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Restitution of slaves referred to, 591, 617.
Settlement of boundaries under Article IV. of, referred to, 581, 597.

Gibbons vs. Ogden.—An important Supreme Court case denying the right of a State to grant the exclusive privilege of navigating the waters of the State extending to the coastwise traffic of another State. Aaron Ogden had obtained through assignment the exclusive right to navigate for thirty years, with boats propelled by fire or steam, the waters within the jurisdiction of the State of New York. In 1808 the New York court of chancery granted an injunction forbidding Thomas Gibbons from running steamboats between New York, Elizabethtown, and other places in New Jersey. Gibbons appealed and the New York court of errors having sustained the chancery court, the Supreme Court rendered judgment for the appellant Gibbons on the ground that the granting of exclusive navigation of waters within the State of New York by the State's legislature, extending to coastwise traffic with another State, was repugnant to the clause of the Constitution of the United States authorizing Congress to regulate commerce, and was void. Ogden's bill was dismissed, the decree of the two New York courts having been annulled. The case occupies 240 pages of a large volume of the Supreme Court Reports. Daniel Webster appeared for the appellant. Chief Justice Marshall delivered the opinion.

Gila Bend Reservation, Ariz., removal of Indians on, bill for, transmitted, 5499.

Gila Valley, Globe and Northern Railway, act granting right of way to, through San Carlos Reservation, Ariz., vetoed, 6003.

Gilsonite, disposition of lands in Utah containing, discussed, 6168.

Glacier National Park. (See Parks, National.)

Glass Industry.—As early as 1608 or 1609 the first settlers from England in the United States established a glass plant near Jamestown, Virginia; but tobacco-raising soon became the pre-occupation of the colonists and their glass plant fell into disuse. In 1621 skilled Italian workers in glass were imported, to make glass beads to be used in trading with the Indians. In 1639, a glass plant was built at Salem, Massachusetts. Others sprang up in New York under the Dutch regime, and by 1800 there were a number of them in the United States, producing chiefly bottles and window-glass.

Coal was first used as fuel instead of wood by a plant established at Pittsburgh in 1796. The nearness of coal and the good sand in the adjacent rivers has been the cause of the phenomenal growth of the glass industry in the Pittsburgh district, in which cheap oil and natural gas have also played their part. The latter two factors in production have been responsible also for the diversion of a large part of the industry to West Virginia in recent years.

Down to recent times, glass manufacture was mostly a handicraft. In 1882, machines were perfected for the manufacture of bottles, and the Owens Automatic Machine revolutionized that branch of the industry from its invention in 1903. Machinery in the last several decades has tended generally to replace the expensive hand-work.

With the outbreak of the World War, glass manufacturers were unable to get many ingredients necessary for their business which had been imported; and the result was a beneficent re-interest in research and in the development of new materials for use in glass manufacture.

A recent report of the Census Bureau gives statistics of the manufacture of glass in the United States. The figures are for a year just before the War made all American industry abnormal, and thus gives a true picture of the glass industry in normal times. The figures include establishments engaged in the manufacture of glass, but not those engaged primarily in glass beveling, bending sheet glass, engraving glass, making glass labels, staining and ornamenting glass, or making from purchased blanks. They do include, however, those establishments engaged in reworking glass where this process is done in establishments where the glass is manufactured.

In the four leading states in the industry, Pennsylvania, Ohio, Indiana, and West Virginia, about 71% of the industry is located, 32%, 15%, 13% and 11% being the figures respectively.

Of the wage-earners, 93% are male and 7% female. About 2½% of the workers are under 16, but the ratio in 1909 was twice as large.

February, March and April are the months of greatest activity.

Of the wage-earners, 28,000 work from 48 to 54 hours weekly; 12,000, 48 hours and less; 11,000, 54 hours; 11,000 work 60 hours weekly; 7,500 work from 54 to 60 hours; and 4,500, 60 hours and above.

Almost all the establishments are owned by corporations. Twenty-three of them have an annual output valued above $1,000,000 each; 256, an output between $100,000 and $1,000,000 in value; and 52, between $20,000 and $100,000.

Six establishments employ more than 1,000 workers each; 23, between 500 and 1,000; 68, between 250 and 500; and 126, between 100 and 250.

	Report Year	1904	1889	1869
Number Establishments	348	399	294	154
Persons Engaged	78,804	67,105	(2)	(2)
Capital	$155,925,876	$89,389,151	$40,966,850	$13,826,142
Salaries and Wages	55,204,723	41,228,441	22,118,522	7,589,110
Cost of Materials	46,016,504	26,145,522	12,140,985	5,864,365
Value of Products	123,085,019	79,607,998	41,051,004	18,467,507

(2) Figures not available.

Imports amounted to $8,191,833 and exports to $3,729,623.

Figures for the separate articles of glass manufacture were as follows:

Building Glass, Value	$36,824,069
Window Glass, sq. ft.	400,998,893
Value	$17,495,956
Polished Plate Glass, sq. ft.	60,383,516
Value	$14,773,787
Pressed and Blown Glass, Value	$30,279,290
Tableware, 100 pieces	1,554,056
Jellies, tumblers, goblets, doz.	18,030,243
Blown tumblers, stem ware, etc., doz.	11,030,243
Chimneys, doz.	6,989,624
Bottles and Jars, Value	$51,958,728
Druggists', gross	4,893,416
Beer, Soda, Mineral, gross	4,573,610
Liquor and flask, gross	2,689,022
Milk, gross	1,188,891
Fruit Jars, gross	1,198,952
Patent and proprietary, gross	1,354,689
Packers and Preservers, gr.	3,271,174
All other glass products, Value	$4,022,932

Glass-Owen Act.—The act providing for the establishment of the Federal Reserve Banks. (See Reserve Banking System and Currency Laws.)

Glen, The, appropriation for illegal capture of, recommended, 3396.

Globe, Congressional. (See Congressional Globe.)

Gloucester, The, mentioned, 6318.

God Reigns and the Government at Washington Still Lives.—These were the closing words of a brief address made by James A. Garfield, then a representative in Congress, to a large assemblage in Wall Street, New York, on April 15, 1865, the morning after the assassination of Lincoln. The crowd was about to move for an attack on the World newspaper office, which had violently opposed Lincoln. Suddenly Garfield's voice was heard to calm their passions. He spoke briefly as follows: "Fellow-citizens! Clouds and darkness are round about Him. His pavilion is dark waters and thick clouds of the skies. Justice and judgment are the establishment of His throne. Mercy and truth shall go before His face. Fellow-citizens! God reigns, and the government at Washington still lives!"

Gold and Silver Money, fixed ratio for Mexico and China, 6735, 6787, 6825, 6941.

Gold Standard, effect of, on public credit, 6654.

(See also Bimetallism and Free Silver.)

Gold.—The most valuable of the metals in general use among civilized or barbarous nations, both in ancient and modern times. Its earliest use was probably for personal adornment. It was extensively employed by the Oriental nations, such as the Hindus, Akkadians, Assyrians, Egyptians, and the Persians. Although it never was used to the same extent among the Greeks, they obtained it by their intercourse with the Phenicians and other navigators and merchants of the Mediterranean, and adorned their temples and made ornaments for their wealthier classes with it. Neither was gold in common use at an early day in Rome. Gold as money was not coined so early as silver. The Lydians made coins of the metal 860 B. C., but it had been in earlier use in the shape of rings, rods, etc., in the cities of the Chaldeans and in Assyria, and also among the Egyptians. The metal has been found most abundantly in South America, South Africa, and North America. Ancient gold mines of Russia were reopened in 1699 and those of the Ural Mountains have since been richly productive.

Gold is said to have been first discovered in Peru and Mexico in the sixteenth century by the Spaniards. It was found in Malacca in 1731, in Nueva Andalucia in 1785, in Ceylon in 1800, in New Zealand in 1842, in California in 1848, in Australia in 1851, in British Columbia in 1856, in Nova Scotia in 1861, in the Transvaal in 1868, in the Bendigo gold fields, Western Australia, in 1870, and in the Klondike region of the Yukon in 1896.

GOLD PRODUCTION IN THE UNITED STATES

Year	Fine Ounces	Value
1792-1834	677,250	$ 14,000,000
1834-1857	22,278,670	460,537,000
1857-1881	51,792,092	1,070,640,900
1881	1,678,612	34,700,000
1882	1,572,187	32,500,000
1883	1,451,250	30,000,000
1884	1,489,950	30,800,000
1885	1,538,373	31,801,000
1886	1,686,788	34,869,000
1887	1,603,049	33,136,000
1888	1,604,478	33,167,500
1889	1,594,775	32,967,000
1890	1,588,877	32,845,000
1891	1,604,840	33,175,000
1892	1,597,098	33,015,000
1893	1,739,323	35,955,000
1894	1,910,813	39,500,000
1895	2,254,760	46,610,000
1896	2,568,132	53,088,000
1897	2,774,935	57,363,000
1898	3,118,398	64,463,000
1899	3,437,210	71,053,400
1900	3,829,897	79,171,000
1901	3,805,500	78,666,700
1902	3,870,000	80,000,000
1903	3,560,000	73,591,700
1904	3,892,480	80,464,700
1905	4,265,742	88,180,700
1906	4,565,333	94,373,800
1907	4,374,827	90,435,700
1908	4,574,340	94,560,000
1909	4,821,700	99,673,400
1910	4,657,017	96,269,100
1911	4,687,053	96,890,000
1912	4,520,719	93,451,500
1913	4,271,562	88,301,023
1914	4,572,976	94,531,800
1915	4,887,604	101,035,700
1916	4,479,056	92,590,300
1917	4,051,440	83,750,700
1918	3,313,373	68,493,500

The latest available figures for the annual gold production of the world are as follows by chief countries, the Total containing figures for some countries where the production is too slight to merit separate mention in the table:

Country	*Fine Oz*	*Value*
North America—		
United States..	3,320,784	$68,646,700
Canada	710,527	14,687,900
Mexico	813,895	16,824,700
Central American States & W. Ind.	164,475	3,400,000
South American—		
Brazil	135,450	2,800,000
Chile	37,007	765,000
Colombia	235,417	4,866,500
Ecuador	38,700	800,000
Peru	60,469	1,250,000
Guiana—British .	19,350	400,000
Dutch	15,586	322,200
French	53,212	1,100,000
Venezuela	22,891	473,200
Europe — Austria-Hungary	8,708	180,000
France	24,187	500,000
Russia	580,500	12,000,000
Australia — New South Wales.	87,046	1,799,400
Queensland	133,355	2,756,700
South Australia.	7,160	148,000
Victoria	158,825	3,283,200
West. Australia.	876,511	18,119,100
New Zealand...	133,733	2,764,500
Tasmania	10,531	217,700
Papua	8,707	180,000
Asia—British India, Burma, Other	485,114	10,028,200
China	174,150	3,600,000
Chosen (Korea)	153,637	3,300,000
East Indies—		
British	35,556	735,000
Dutch	88,836	1,836,400
Federated Malay States	16,704	345,300
Formosa (Taiwan)	24,850	513,700
Japan	246,998	5,105,900
Africa — Belgian Congo	111,650	2,308,000
Brit. West Africa (Gold Coast).	329,095	6,803,000
Madagascar ...	26,606	550,000
Portuguese East Africa	11,997	248,000
Rhodesia	631,357	13,051,300
Transvl, Cape Col., & Natal.	8,418,377	174,023,300
Total for world	18,427,232	380,924,700

The following figures show the value of the gold production of the world in recent years.

1896 ..	$211,242,081	1908 ..	$443,434,527
1897 ..	237,833,984	1909 ..	459,927,482
1898 ..	287,327,833	1910 ..	454,213,649
1899 ..	311,505,947	1911 ..	459,377,300
1900 ..	258,829,703	1912 ..	474,333,268
1901 ..	260,877,429	1913 ..	462,669,658
1902 ..	298,812,493	1914 ..	451,582,129
1903 ..	329,475,401	1915 ..	473,124,590
1904 ..	349,088,293	1916 ..	469,200,000
1905 ..	378,411,054	1917 ..	460,000,000
1906 ..	405,551,022	1918 ..	380,924,700
1907 ..	411,294,458		

The annual production of gold in the United States, by states, is as follows, according to the most recent figures:

State	*Fine Ounces*	*Value*
Alaska	440,622	$ 9,108,500
Arizona	278,647	5,760,200
California	832,389	17,207,000
Colorado	621,791	12,853,500
Idaho	30,764	636,000
Montana	153,375	3,170,600
Nevada	322,276	6,662,000
New Mexico	30,871	638,200
Oregon	60,951	1,260,000
Philippine Islands..	44,202	913,700
South Dakota	328,305	6,786,700
Utah	152,018	3,142,500
Washington	16,556	342,300
Alabama, Georgia, Missouri, North Carolina, Tennessee, Texas, Vermont, Virginia, Wyoming	606	12,300
Total	3,313,373	$68,493,500

The following table summarizes the movement of gold to and from the United States in 1919.

Country	*Exports*	*Imports*
Argentina	$56,560,000	.....
Canada	5,706,428	44,487,390
Central American States	.....	3,472,634
China	39,109,769	.....
Colombia	5,268,600	556,572
Dutch East Indies	6,865,111	3,851,075
England	2,091,066	4,055,739
France	4,152,533	.....
Hong Kong	40,085,969	$10,017,550
India, British ...	34,300,666	.....
Japan	94,114,189	.....
Mexico	10,357,619	4,464,140
Peru	3,383,369	814,583
Philippine Islands	.....	581,924
Spain	29,778,000	.....
Straits Settlements	2,180,000	.....
Uruguay	9,205,000	.....
Venezuela	12,052,220	381,981
All others	12,974,689	3,850,458
Total	$368,185,248	$76,534,046

The production of gold has been steadily increasing in recent years by reason not only of new discoveries, but of the improved scientific methods of mining and of extracting the pure metal from the ore. The estimated value of all the gold in the world in 1848 was $2,500,000,000. In 1875 the amount had probably doubled. There was a large increase in the world's production of gold in 1897, the output for that year being twice that of 1890. More than 90 per cent of the supply was furnished by seven countries, viz., the United States, the Transvaal, Australia, Russia (Siberia), British India, Canada, and Mexico.

The world's output is worth about a million and a quarter dollars a day. The Bank of England under a law passed in 1866 is bound to buy all the gold offered to it at the rate of $19.05 per ounce of standard fineness, pure gold being credited at $20.81 per ounce. The greatest hoard of gold in the world is stored in the vaults of the United States Treasury. (See illustrations opposite 2019 and 4264.)

Gold and Silver:
Adoption of, as standard of value discussed, 1465.
Coinage of. (See Coins and Coinage.)
Depreciation in price of silver discussed, 5548, 5628.
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International agreement for free use of silver as a coin metal discussed, 5548.
International conference at Brussels, Belgium, in 1892 to consider enlarged use of silver, 5752.
Postponement of, discussed, 5876.
Report of, transmitted, 5784.
International conference for adopting ratio between, discussed, 4447, 4464, 4474, 4510.
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International conference to consider free coinage of silver, information regarding, refused, 5673.
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Production of gold in California discussed, 2660.
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Use of, as medium of exchange. (See Medium of Exchange.)
Value of gold compared with national currency discussed, 4061, 4102.

Gold Certificates. (See Money and Currency Laws.)

Gold Certificates, recommendations regarding issue of, 4633.

Gold Coast.—A British colony in western Africa, on the Gulf of Guinea, between the French colony of the Ivory Coast and the former German colony of Togoland. Together with northern territories forming a protectorate and Ashanti, the area is about 80,000 square miles and the population, about 1,500,000. The staple products and exports are palm oil, nuts, cocoa and rubber. About $8,000,000 worth of gold is mined annually. Latest figures show imports of $15,000,000 and exports of $30,000,000. (See also Africa.)

Gold Democrats. (See Sound Money Democrats.)

Gold Mines. (See Mines.)

Gold Reserve discussed, and recommendations regarding, 5835, 5985, 5993, 5999, 6075, 6091.

Golden Circle, Knights of. (See Knights of the Golden Circle.)

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Good Return, The:
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Gosport, Va., site for docks at, 934.

Government. (For topics under this head, see also Federal; United States.)

Government Bonds. (See Bonds; Debt, Public.)

Government Contracts, recommendations regarding, 3180.

Government Control of beef packing, interstate corporations, pure food, and railway rates, 7038.

Government Creditors, payment of, in depreciated currency referred to, 1777, 1806, 1807, 1808, 1810.

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Government Employees. (See also Officers, Public):
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Official conduct of, complimented, 2714.
Order permitting, to—
Participate in dedication of Washington Monument, 4879.
Participate in public exercises, and ceremonies, 4879, 6590, 6595, 6611.
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Rendering honors to rebel living or dead inquired into, 3591.
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Government Hospital for the Insane.—This institution was established by act of Congress approved March 3, 1855. It is sometimes called St. Elizabeth's Hospital. Its usual population is above 3,000, for which it cares in the most approved methods for helping the insane, at an annual expenditure of about $800,000. The Hospital is under the supervision of the Interior Department. The District of Columbia is represented more largely than any other state or territory in the number of inmates, but there is liberal provision for the admittance of inmates from other states.

Government Hospital for Insane:
Appropriation for, 2708.
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Erection of, recommended, 1621, 2204.
Estimate for deficiency appropriation for, 4677.

Government, local. (See Local Government.)

Government Management, certain accomplishments of, impossible to private management, 8419.

Government Notes, may become necessary to issue, as medium of exchange, 551.

Government Penitentiaries. (See Penitentiaries.)

Government Printing Office.—The Public Printer has charge of all business relating to the public printing and binding. He appoints the officers and employees of the Government Printing Office, and purchases all necessary machinery and material. The foreman of printing has charge of all matter which is to be printed. His department consists of the following divisions: the document, job, specification, press, folding, stereotype, and Congressional Record rooms, as well as the various branch offices. The Superintendent of Documents has general supervision of the distribution of all public documents, excepting those printed for the use of the two Houses of Congress and the Executive Departments. He is required to prepare a comprehensive index of public documents and consolidated index of Congressional documents, and is authorized to sell at cost any public document in his charge, the distribution of which is not specifically directed.

In a recent year, the number of letters received reached 304,341, and 47,151,861 pieces of literature were sent out for public distribution.

In a recent year, 107,233,981 letterheads, noteheads and envelopess were printed; 2,023,502 embossed letterheads, noteheads and envelopes: 1,574,094,079 blanks, notices, etc.; 1,150,478 blank books; 102,027 bindings; 953,524 publications smaller than octavo; 3,982,315 royal octavo; 12,027,568 quarto and 7,702,161 miscellaneous publications.

See illustration opposite 5854.

Government Printing Office:
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Foreign inspectors in, employment of, authorized, 8272.
Merit system in—
Discussed, 6728.
Legislation needed to establish, 7739.
Trained men in, 8037.
Union labor in, 6897.

Governor.—The executive head of each of the states of the Union. When the first settlements were made in America the term governor was used in England to designate the head of large trading corporations like the East India Company, Massachusetts Bay Company, etc. In the Colonies, therefore, which operated under charters similar to the trading companies the executive head became known as the governor. In the royal Colonies he was appointed by the Crown, in the proprietary Colonies by the proprietors, and in Rhode Island, Connecticut, and most of the time in Massachusetts he was chosen by the people. After the Revolution the constitutions of the states provided for a single head, to be called the governor. Terms of the governors of the states vary from one to four years, and the salaries from $1,000 to $10,000. To them is intrusted the execution of the laws, and they are usually invested with the veto and pardoning powers. In our early history the governors of many of the states were chosen by the legislatures thereof. At present the uniform practice is to elect the governor by popular vote.

Governors Island, N. Y., appropriation for sea wall on, recommended, 4744.

Governors, Provisional. (See Provisional Governors.)

Grain (see also Food Administration):
Standard for grades of, suggested, 7093.
Use of, permitted in manufacture of non-alcoholic beverages, 8687.

Grain Corporation, Food Administration. (See Food Administration.)

Grain Statistics.—The Bureau of Statistics of the Department of Agriculture makes a careful estimate of the amount of grain sown each year and reports the condition of the crops monthly until harvest, and then publishes a bulletin of the yield and the average price received in leading markets. (See Agricultural Products.)

Granada, The, seizure of, by Canadian revenue cutter at Port Hood, Nova Scotia, 4070.

Granadian Confederation, convention with, referred to, 3268.

Granby Token.—An authorized coin issued by John Higley, of Granby, Conn., in 1737. It was made of copper and on the obverse bore a deer with the words, "Value me as you please," the Roman numerals III, and a crescent. The design on the reverse consisted of three hammers, on a triangular field, each bearing a crown. The legend was, "I am good copper."

Grand Army of the Republic.—A fraternal, charitable, and patriotic organization composed exclusively of ex-soldiers and ex-sailors of the Union Army, Navy, and Marine Corps who served during the Civil War and were honorably discharged. It was planned by Dr. B. F. Stephenson, ex-surgeon of the Fourteenth Illinois Infantry. The first post was organized at Decatur, Ill., April 6, 1866, and the first regular convention was held at Indianapolis, Ind., Nov. 20, 1866. Forty posts were represented, and Gen. S. A. Hurlbut, of Illinois, was chosen commander-in-chief. The organization now has branches in all parts of the Union. Its objects are to bring together in a spirit of friendship all former soldiers and sailors in the Civil War, to care for the widows and orphans of their deceased comrades, to cultivate a spirit of devotion to the Union, and to perpetuate the memory of their dead.

The most recent statistics show 4,700 posts, with a total membership of 110,188. The losses by death in the preceding year were 9,708. There is an auxiliary Women's Relief Corps.

Grand Army of the Republic:
Addresses to, 8073, 8075.
Appropriation for reception and entertainment of, in Washington recommended, 5672.
Decoration of graves by, 4137, 4184.
Parade of, in Washington discussed, 5763.
Order permitting members employed in public service to participate in, 5740.

Grand Canyon of the Colorado, proposed as National Park, 7013, 7393, 7536.

Grand Jury.—A jury whose duty it is to inquire into charges for offenses and to determine whether indictments shall be brought against alleged criminals in any court. Provisions of the Federal and state constitutions prohibit the criminal prosecution of any person except upon presentment or indictment by a grand jury for any except the less serious crimes or misdemeanors or military or naval offenses. The custom is very ancient and has been scrupulously guarded as a safeguard of civil liberty since the time of Ethelred, an Anglo-Saxon king of the ninth century. At common law (and usually by statute) the grand jury consists of not less than twelve nor more than twenty-three members, and the concurrence of twelve is necessary to the finding of an indictment. They sit in absolute secrecy, and may either pass upon bills presented by the prosecuting officer of the state or upon presentments made by one of their own number, or upon evidence laid before them of any violation of law. The proceedings are entirely ex parte. Witnesses for the prosecution only are examined. If the requisite number of jurors are satisfied, from the evidence presented, of the truth of the accusation, the foreman of the grand jury writes on the back of the indictment the words "A true bill," signs his name as foreman, and adds the date of the finding; but if the evidence is unsatisfactory the endorsement is "Not a true bill." After all the indictments have been considered the work of the grand jury is ended and the cases are turned over to the court and petit jury for trial.

Grande Ronde Reservations, Oreg., relief of Indians on, bill for, 4780.

Grange.—A farmers' organization instituted for the mutual benefit of its members.

Grangers.—A common name for the Patrons of Husbandry, a secret association for the promotion of agricultural interests. The society had its origin in the depressed condition of agriculture immediately succeeding the Civil War. Its object was to redress the grievances of the farmers against the middlemen and railroad companies. The plan of organization embraces a secret ritual. It was organized in Washington, Dec. 4, 1867, by employees of the Department of Agriculture. In a manifesto issued in 1874 the objects of the Grangers are declared to be "to develop a better and higher manhood and womanhood; to enhance the comforts of our homes; to buy less and produce more; to discountenance the credit system, the fashion system, and every other system that tends to prodigality and bankruptcy." Though nonpolitical, the order has exerted a strong influence in various state legislatures and in elections.

Grant, Ulysses S.—1869-1877.

(FIRST TERM, 1869-1873.)

Twenty-first Administration—Republican.

Vice-President—Schuyler Colfax.

Secretary of State—
Elihu B. Washburn.
Hamilton Fish.

Secretary of the Treasury—
George S. Boutwell.

Secretary of War—
John A. Rawlins.
William T. Sherman.
William W. Belknap.

Secretary of the Navy—
Adolph E. Borie
George M. Robeson.

Secretary of the Interior—
Jacob D. Cox.
Columbus Delano.
Postmaster-General—
John A. J. Creswell.
Attorney-General—
E. Rockwood Hoar.
Amos T. Ackerman.
George H. Williams.

Nomination.—Grant was elected by the Republican party, Nov. 3, 1868. He was nominated at the National Convention, at Chicago, May 20-21, 1868, by a unanimous vote of the 650 delegates.

Platform.—The platform of the Republican party endorsed the reconstruction policy of Congress; equal suffrage; denounced repudiation; recommended equalization of taxation; advised the extension of the time of payment of the public debt to a fair and reasonable period; advocated economical administration; deplored the death of Lincoln and denounced President Johnson's administration; placed naturalized citizens on a level of equality with the native-born; upheld the gallant conduct of soldiers and sailors in the Civil War; encouraged immigration; and commended the spirit of the Southern people in their assistance in reconstruction.

Opposition.—The Democratic National Convention, held in New York, July 4-11, 1868, nominated Horatio Seymour, after the twenty-second ballot, over Pendleton, Hendricks, and Hancock.

Vote.—The popular vote of thirty-four States, including that of Georgia, gave Grant 3,015,071; and Seymour, 2,709,613. The electoral vote, counted Feb. 10, 1869, gave Grant 214 and Seymour 80; 23 cast no vote.

Renomination.—In 1872, President Grant was renominated enthusiastically by acclamation at the Republican National Convention, at Philadelphia, June 5-6.

(SECOND TERM, 1873-1877.)

Twenty-second Administration—Republican.

Vice-President—Henry Wilson.

Secretary of State—
Hamilton Fish (continued).
Secretary of the Treasury—
William A. Richardson.
Benjamin H. Bristow.
Lot M. Morrill.
Secretary of the Interior—
Columbus Delano.
Zachariah Chandler.
Secretary of War—
W. W. Belknap (continued).
Alphonso Taft.
James D. Cameron.
Secretary of the Navy—
George M. Robeson (continued).
Postmaster-General—
John A. J. Creswell (continued).
James W. Marshall.
Marshall Jewell.
James N. Tyner.
Attorney-General—
George H. Williams.
Edwards Pierrepont.
Alphonso Taft.

SECOND TERM—Opposition.—The opponents of the Grant administration, under the name of the Liberal Republican party, had met in Cincinnati, May 1, 1872, and nominated Horace Greeley. The Democratic (Straight Out) Convention, at Louisville, Ky., Sept. 3, 1872, nominated Charles O'Conor, of New York. The Labor Reform Convention, at Columbus, Ohio, Feb. 21-22, 1872, nominated David Davis. The Prohibition Convention, at Columbus, Ohio, Feb. 22, 1872, nominated James Black.

Vote.—The popular vote of thirty-seven State cast in November gave Grant 3,597,070; Greeley, 2,834,079; O'Conor, 29,489; and Black, 5,608. The electoral vote, counted on Feb. 12, 1873, gave Grant 286; Hendricks, 42; Brown, 18; Jenkins, 2; Davis, 1; and not voting, 17. The death of Horace Greeley on Nov. 29, 1872, caused the Democratic and Liberal Republican electors to cast their votes for others.

Party Affiliation.—General Grant, though nominated unanimously by the Republican party, never cast a Republican vote until after his term of office expired. He had never taken an active part in politics, and voted but once for a President, James Buchanan, the Democratic candidate in 1856, though his earlier associations had been with the Whig party. Though approached at this election by Democratic politicians and urged to accept the Democratic nomination, he declined the offer, for at heart he was more of a Republican than anything else. He favored a national banking system, a protective tariff, internal improvements, and equity of laws.

Political Complexion of Congress.—In the Forty-first Congress (1869-1871) the Senate, of 74 members, was composed of 11 Democrats, 61 Republicans, with 2 vacancies; and the House, of 243 members, was made up of 73 Democrats and 170 Republicans. In the Forty-second Congress (1871-1873) the Senate of 74 members was composed of 17 Democrats and 57 Republicans; and the House, of 243 members, was made up of 104 Democrats and 139 Republicans. In the Forty-third Congress (1873-1875) the Senate, of 74 members, was composed of 19 Democrats, 54 Republicans, with 1 vacancy; and the House, of 292 members, was made up of 88 Democrats, 203 Republicans, with 1 vacancy. In the Forty-fourth Congress (1875-1877) the Senate, of 76 members, was composed of 29 Democrats, 46 Republicans, with 1 vacancy; and the House, of 293 members, was made up of 181 Democrats, 107 Republicans, 3 Independents, with 2 vacancies.

Tariff.—The tariff act of July 14, 1870, "to reduce internal taxes, and for other purposes," reduced the duties on several articles named and also increased the free list. By the act of May 1, 1872, the duty on tea and coffee was repealed. Taxes on imports were still further reduced by the act of June 6, 1872, and this latter act was amended by the tariff act of March 3, 1873. Two amending acts were passed in 1875, that of March 3 increased the duties on imported molasses, sugar, and other articles. In his Second Annual Message (page 4061) the President said: "The tax collected from the people has been reduced more than $80,000,000 per annum. By steadiness in our present course there is no reason why in a few short years the national tax-gatherer may not disappear from the door of the citizen almost entirely. With the revenue stamp dispensed by postmasters in every community, tax upon liquors of all sorts, and tobacco in all its forms, and by a wise adjustment of the tariff, which will put a duty only upon these articles which we could dispense with, known as luxuries, and on those which we use more of than we produce, revenue enough may be raised after a few years of peace and consequent reduction of indebtedness, to fulfill all our obligations. A further re-

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT GRANT, 1869-1877.

(NOT INCLUDING TERRITORIES)

FLAG OF 1877

OREGON, 1859

CALIFORNIA 1850

NEVADA 1864

COLORADO 1876

NEBRASKA 1867

KANSAS 1861

TEXAS 1845

MINNESOTA 1858

IOWA 1846

MISSOURI 1821

ARKANSAS 1836

LOUISIANA 1812

WISCONSIN 1848

ILLINOIS 1818

MICHIGAN 1837

INDIANA 1816

OHIO 1803

KENTUCKY 1792

TENNESSEE 1796

MISSISSIPPI 1817

ALABAMA 1819

GEORGIA 1788

FLORIDA 1845

SOUTH CAROLINA 1788

NORTH CAROLINA 1789

VIRGINIA 1788

WEST VIRGINIA 1863

PENNSYLVANIA 1787

NEW YORK 1788

MAINE 1820

VT. 1791

N. H. 1788

MASS. 1788

CONN. 1788

R. I. 1790

N. J. 1787

MD. 1788

DEL. 1787

duction of expenses, in addition to a further reduction of interest account, may be relied on to make this practicable. Revenue reform, if it means this, has my hearty support."

Fifteenth Amendment.—The Fifteenth Amendment to the Constitution was adopted Feb. 26, 1869, ratified by the requisite three-fourths of the States, and declared in force on March 30, 1870. President Grant had recommended this measure and when he proclaimed its adoption he sent a special message to Congress (page 4009) in which he said that this "is indeed a measure of grander importance than any other one act of the kind from the foundation of our free Government to the present day." Again he says that "the adoption of the Fifteenth Amendment to the Constitution completes the greatest civil change and constitutes the most important event that has occurred since the nation came into life."

Civil Service.—In his Second Annual Message (page 4062) President Grant advocates "reform in the civil service of the country. I would have it go beyond the mere fixing of the tenure of office of clerks and employees. . . . I would have it govern, not the tenure, but the manner of making all appointments. . . . The present system does not secure the best men. The elevation and purification of the civil service of the Government will be hailed with approval by the whole people of the United States." In his Third Annual Message (page 4109) the President reports the appointment by him of a board to revise rules and regulations to effect the needed reforms. In his Fifth Annual Message (page 4209) the President asks Congress to appoint a committee to confer with his Civil-Service-Board regarding proper recognition of the rules formulated by it.

Public Debt.—The public debt of the United States during the administration of President Grant stood as follows: July 1, 1869, $2,432,771,873.09; 1870, $2,331,169,965.21; 1871, $2,246,994,068.67; 1872, $2,149,780,530.35; 1873, $2,105,462,060.75; 1874, $2,104,149,153.69; 1875, $2,090,041,170.13; 1876, $2,060,925,340.45.

In his First Annual Message (page 3983) President Grant said: "The vast resources of the nation, both developed and undeveloped, ought to make our credit the best on earth. With a less burden of taxation than the citizen has endured for six years past, the entire public debt could be paid in ten years. But it is not desirable that the people should be taxed to pay it in that time. Year by year the ability to pay increases in a rapid ratio." The President advocates the payment of the interest and the funding of the public debt. On page 3991, the President highly commends the action of Congress in passing the joint resolution providing that the debt be paid, both principal and interest in coin.

Finance.—In his First Annual Message (page 3983) the President said: "Among the evils growing out of the rebellion, and not yet referred to, is that of an irredeemable currency. It is an evil that I hope will receive your earnest attention. It is a duty and one of the highest duties of Government to secure to the citizen a medium of exchange of fixed, unvarying value. This implies a return to a specie basis and no substitute for it can be devised. I earnestly recommend to you then such legislation as will secure the gradual return to specie payments, and put an immediate stop to fluctuations in the value of currency." When, in 1874, Congress passed the "Inflation Bill" increasing the paper currency of the country $100,000,000, the President vetoed it (page 4223) and stated that the opinions formerly expressed by him had undergone no change. The bill was not passed over his veto and the whole country sustained his action. Writing on June 4, 1874, President Grant said: "I believe it a high and plain duty to return to a specie basis at the earliest practical day, not only in compliance with legislative and party pledges, but as a step indispensable to national lasting prosperity." Congress as a result of the President's earnestness and unanswerable argument passed the "Resumption Act" in 1875. The financial results of President Grant's administrations may be summed up thus: There had been a reduction of over $300,000,000 in the taxes, over $450,000,000 in the public debt, over $60,000,000 in the interest, and a change from $130,000,000 of balance of trade against the country to that amount in its favor.

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- Advancement and progress made by United States discussed by, 4286.
- Annexation of Santo Domingo discussed by. (See Santo Domingo.)
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- Biographical sketch of, 3957.
- Brigadier-general, thanks of President tendered, 3305.
- Captain-general of Army, appointment of, as, recommended, 4572.
- Civil Service discussed by, 4063, 4108, 4159, 4177, 4208, 4217. (See also Civil Service.) 4254.
- Congress requested by, to postpone adjournment, 4034.
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  - Legislation during last 24 hours of Congress recommended by, 4196.
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- Cuban insurrection and policy of United States regarding, discussed by, 3985, 4018, 4051, 4101, 4143, 4245, 4290.
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- Death of, announced and honors to be paid memory of, 4893, 4900, 4901, 4902, and illustration opposite 4691.
- Executive acts performed during absence of President from seat of Government discussed by, 3559.
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Grant's Tomb. (See illustration opposite 4787.)

Graphophone. (See Phonograph.)

Great Britain.—Literally, England, Wales and Scotland; but commonly used to designate the United Kingdom of Great Britain and Ireland, including also the Isle of Man and islands in the English Channel. (See also British Empire.)

History of England.—Little is known of England before the first century B. C. It was invaded by Julius Caesar in 55 and 54 B. C., and in the first century A. D. was definitely conquered and occupied by Rome, who remained in control for more than 300 years. The Celtic inhabitants were Christianized and the civilization became largely a Roman civilization.

In the fifth century, after the withdrawal of the Romans, England was invaded and occupied by Germanic or Teutonic tribes, of which the Angles, Saxons and Jutes are the names which have come down to us. The Anglo-Saxons, as they are generally called, came in increments of varying strength and spread over England in different groups, so that it was not until the ninth century that the country's many separate political divisions became unified, under the central government of the House of Wessex. About this time, Danish invaders also came to England and added their quota to the racial strains of the island. Since the sixth century, efforts had been prosecuted toward the Christianizing of the Anglo-Saxons and by the coming of the Danes the process had been well-nigh completed.

In the eleventh century, Normans crossed over from the mainland and conquered England. The Norman kings wielded greater power over the nobles than did their Anglo-Saxon predecessors, but in the following years the power of the king waned and England fell under the feudal system, with lords practically in control of their own holdings of land and with little authority for the central government. (In the twelfth century, the civilization of England became definitely French.) Indeed, in the thirteenth century, faced by a resurrection of the power of the king, the nobles wrung from him the formal concession of many of his powers in a document known as Magna Charta, which, as later broadened, is considered the keystone of British civil liberties. By the end of the fifteenth century, largely through the increase of the power of the working class and their resulting refusal to remain any longer as serfs bound to the land, of discoveries of new lands such as America and of stocks of new raw materials brought from them, and of the enlargement of industry and the growth of the towns, the medieval period came to an end and the modern period began.

The modern period saw the authority of the central government once more established, under the guaranteed limitations

of power which had been wrested from the king. In the sixteenth century, England felt the result of the Renaissance, or Revival of Learning; and not much later than the Renaissance, the Reformation involved England in its religious disputes, with the result that after many decades of conflict the Protestant religion became dominant in the land. The seventeenth century saw the relapse of power from the throne, with the Parliament now assuming the balance of power, and bitter civil wars. England was also laying the foundation for the great colonial empire to be hers. In 1707, Scotland was united to England, and the further history of the two countries must be considered together. (For all practical purposes, Wales may be considered a part of England.)

History of Scotland.—The Scots were an Irish race who settled in modern Argyll in the fifth century, calling their kingdom Dalriada; and after several centuries of warfare with the Picts to the east and the British and English to the south, in the ninth century the kings of the Scots gained the ascendancy and soon their territory became known as Scotland. Early in the eleventh century the Scots acquired their permanent southern border.

In the following centuries Scotland fell under the feudal system, which lasted longer than in England (see above). The lords were almost supreme, and disorder reigned in the land. England claimed an over-lordship of Scotland, but, except for fourteen years was not able to maintain the claim, Scotland turning for help to France against English aggression. At the end of the thirteenth century, however, England invaded Scotland and after a brief interval of resistance under Wallace, made good her claim to sovereignty over Scotland. But the Scots soon again rallied, and, under Bruce, managed in 1328 to get from England an acknowledgment of independence.

In the sixteenth century, John Knox led the forces of the Reformation in Scotland, and the rise of the Scotch Church (Presbyterian) began to get order out of the chaos and to weaken the position of the nobility. For some years, there was an extremely close union of church and state, and the democratic and powerful organization of the Scottish Church brought peace and higher civilization to the country. For some time, England and Scotland had been in governmental relations, and after some years of negotiation, Scotland in 1707 accepted the English offer of union, with representation in the Parliament and with autonomy of church and laws.

History of Ireland.—There are various early legends about Ireland, but little definite is known of it or its inhabitants until the fourth century A. D., when Irish natives raided England, then a Roman province. The Irish were Celts, and at this time were known as Scots. These raids continued for more than a century, and seem also to have taken in the coast of Gaul, or France. In the fifth century, St. Patrick began the conversion of the natives, although Christianity had previously got a foothold in certain sections, and although it was not until about a century after the death of St. Patrick that the Christianization of the island was completed.

Legend says that in this early Ireland each province had a king, with a kind of super-king in the central province. Each clan is reported to have been governed by a chief selected from a leading family, and the laws were dispensed by professional jurists.

By the sixth century, many monasteries had been established in Ireland, and religion and learning flourished, but in the eighth, ninth and tenth centuries Scandinavians raided the east coast, where they got a foothold and whence they penetrated into the interior, until their defeat by Brian at the Battle of Clontarf in 1014.

In the twelfth century, a deposed king of Leinster took refuge at the English court, and got English help in regaining some of his realm. At his death, his lands were claimed by a British earl, his son-in-law. In 1172, Henry II of England visited Ireland. He received the homage of certain minor Irish leaders, and authorized his Norman nobles to take possession of certain parts of Ireland, which he claimed had been awarded to him by a Papal bull. The Norman leaders made good their claims only after much opposition from the Irish, but in the twelfth and thirteenth centuries the Normans established themselves and the institutions of feudal England in the land of Ireland.

In 1315, Edward Bruce invaded Ireland and attempted to drive out the English. Although he failed, English power began to decline, and the English population and the English civilization began to be absorbed in the Irish. In the fourteenth century, Richard II invaded Ireland, but with few practical results; and by the fifteenth century the English authority was limited to only a few towns on the east coast and a district around Dublin and Drogheda known as the English Pale.

At the very end of the fifteenth century, Henry VII sent a representative, Poynings, to restore order and English prestige in the Pale. Poynings passed through the Parliament of Drogheda legislation limiting the power of the Anglo-Irish lords and rendering the Pale much more dependent on England, with the Parliament dependent on the English king. In the sixteenth century, England opened a campaign to Protestantize Ireland. The monasteries were disestablished; and by distributing the property of these monasteries to the influential Irish leaders, by a general policy of conciliation and by granting Ireland local autonomy, Henry VIII got himself generally recognized in Ireland as the king of the country.

But in the reign of Elizabeth, England ceased to respect Ireland's local autonomy. The Irish were largely dispossessed of their land, which was granted to English colonists. The Catholics were persecuted and there was great devastation wrought upon the land by the English conquerors. The Anglican Church officially spread over the land, but the Irish remained Catholics. Under James I, early in the seventeenth century, the independence of the Irish Parliament was officially ended.

In the middle of the century, the Irish broke out in rebellion, visiting much cruelty upon their opponents; and Cromwell crossed over from England and subdued the land after bloody victories, in which and after which he proved himself merciless. As punishment for the rebellion, Cromwell distributed practically all the best land of Ireland to his soldiers. At the end of the century, Ireland supported James II, and William crossed over and defeated Ireland at the Battle of the Boyne (1690); and

after being later forced to retire, completed the conquest of Ireland in the following year. However, he was less ruthless than Cromwell had been, and restored some liberty to the Catholics, together with part of their lands.

But by this time, the chief persecution of Ireland had become economic. By rigid discriminatory laws, England had set out to ruin Ireland's economic life, and with the eighteenth century, Ireland, with her trade, industry and farming well-nigh ruined, entered upon a period of poverty and misery. Many of her best artisans were forced to emigrate and she was definitely under the rule of the Irish Protestants.

The American Revolution and the French Revolution started anew feeling for independence in Ireland, and after some serious rebellions, Pitt, the British Prime Minister, determined to incorporate Ireland with England and Scotland. By widespread bribery he induced the Protestant Irish Parliament to agree, and in 1800 the Act of Union was signed. (For the later history of Ireland, see Irish Independence, Movement for.)

History of United Kingdom.—The eighteenth and nineteenth centuries saw in the United Kingdom the development of what is generally considered the highest form of political democracy, as distinct from social, economic or international democracy, which any modern nation has achieved. The first half of the eighteenth century saw the development of Cabinet Government in England and Wales. The Kings were German, and were more interested in their German than in their English lands; and the early Georges were hence content to let the Cabinet rule in all domestic affairs without interference from the throne, so long as it did not thwart the regal international policy and interests. The eighteenth century saw in England and Scotland a great expansion of trade and commerce and a great increase in the strength of the commercial classes. England managed to put practically an end to French power in India, and, in another part of the globe, to force France to cede Canada. During this period, other colonies also were coming under the British flag.

In the latter half of the eighteenth century, George III attempted to regain much of the power of the throne in domestic affairs, and there ensued a period of struggle against democracy. One result was the loss of the British colonies in America, which organized the United States of America. At the end of the century, the French Revolution, by its excesses, drove England to reaction; and she was the prime cause of the defeat of Napoleon in the long and costly Napoleonic Wars. England gained new colonies as a result of these wars, but within a few years broke away from the Holy Alliance, which had been organized by Austria and Russia after the Congress of Vienna (1815), and became a liberal force in the world's politics. One result was the support of the United States in recognizing the independence of the Spanish colonies in North America, which enabled the United States to proclaim and enforce the Monroe Doctrine.

Toward the end of the eighteenth and the beginning of the nineteenth century, the invention of machinery began in England that period which is known as the industrial revolution. Factories and large towns sprang up, manufacture was taken out of the homes, a large proportion of the population changed from agricultural to urban, and production and wealth increased by leaps and bounds. However, the prevailing philosophy was that of Governmental non-interference with business processes, and as a result the misery of the working-classes became almost unbelievable. It was not until the nineteenth century was well under way that England began those Governmental reforms which ended infant labor, protected women from mine-work, reformed the jails and poor-houses, and set the working-classes finally on the road to a share in the nation's prosperity. Trade unions were finally legalized and the criminal laws were made less severe.

Politically, electoral reforms culminated in the Reform Bill of 1832, as a result of which the upper classes lost much of their exclusive political power to the middle classes, and political corruption and bribery were lessened. Political disabilities upon Catholics were removed (and, much later, upon Jews and atheists); slavery was officially ended; reforms were consummated in the state church of England, and in religious and lay education; and the Factory Acts crystallized the new protective measures in industry. A radical movement for the enforcement of complete political democracy, the Chartist movement, caused many disturbances but paved the way for the later removal of most political special privilege. Feeling against the tariff duties on corn, led by Cobden and Bright, also finally bore fruit and ended much distress.

The Second Reform Act of 1867 extended political democracy and gave the working-class, as well as the middle class, increased political power. Under Gladstone, the first attempts were made to provide Home Rule for Ireland, but they failed, and Ireland came into the twentieth century and the World War as the most abject failure of British statesmanship. However, the latter part of the century saw some land reforms of undeniable service in Ireland, and also in England. Education was extended, and there were notable reforms in local government. Internationally, Britain obtained control of the Suez Canal and Egypt, and the Boer War at the beginning of the twentieth century strengthened her hold upon Africa, while in China also the extension of the British Empire strengthened the great British trading interests. The twentieth century saw also the introduction of social reform—insurance against ill-health, old age, unemployment. Increased taxation of land values led to the curtailment of the power of the House of Lords to oppose the legislation of the House of Commons. Industrially, British Labor had become strongly organized, not only economically, but also politically; and after the World War became the chief Opposition Party in the House of Commons.

Until the first years of the twentieth century, Great Britain had kept aloof from the entanglements of Continental quarrels, centering her strength upon supporting her vast colonial interests. She was friendly to Germany and had formed an alliance in the Far East with Japan, so that her international hostilities were directed chiefly against Russia and hence also against Russia's ally, France.

But the rapid growth in the industrial and political strength of the German Empire brought Germany and Great Britain

into antagonism at the very beginning of the twentieth century. German commercial efficiency was beginning to threaten British trade, and Germany brought the conflict to a head by openly entering upon a program of naval expansion to threaten the British control of the seas. In self-defence, Great Britain therefore entered the alliance between France and Russia, and supported them against Germany and Austria-Hungary in international affairs and manoeuvres. When Germany provoked the World War, it was hence inevitable that Great Britain should enter the lists against her. Great Britain emerged from the peace of the World War with increased colonial possessions, notably in Africa, Egypt, Mesopotamia and Persia; and with her commercial and trading interests secure, at least for a time, from competition from German commercial and trading interests, which had been all but destroyed by the War and by the terms of peace.

Government.—The official head of Great Britain and hence of the British Empire is the King, but in practice the King wields practically no power, and serves chiefly in promoting certain diplomatic manoeuvres. It is he who selects the head of a new government when the old has fallen, but his choice must always be able to command the support of the House of Commons for his new government, so that in practice the King's choice is dictated by the leaders of the House of Commons.

The true head of the British Government is the prime minister, who is the head of the Cabinet, the members of which he chooses. The Government at all times is responsible to the House of Commons, and if defeated in an important vote in the House of Commons either makes way for a new cabinet or else dissolves Parliament and holds a new election. If the newly-elected House of Commons supports the Cabinet (that is, the Government), it remains in power; otherwise, a new Government is formed which the House of Commons will support.

In normal times, the life of any one Parliament is restricted to five years, but its membership is constantly changing by elections, called bye-elections, for seats made vacant by death, resignations or other causes. Members of the House of Commons are not required to be, and seldom are, inhabitants of the districts from which they are elected.

There is no hard-and-fact constitution in the system of Government, aside from Magna Charta and the Acts of Union between England, Scotland and Ireland; so that any measure passing Parliament automatically becomes law without the possibility of being annulled by judicial review; and any measure may be passed which the people, through their chosen representatives, desire.

The Government is strictly a party government, except in times of stress, such as the last years of the World War and the following years, when a coalition government was in power. The party in power is thus held strictly responsible for the state of the country, and the opposition party is constantly on the alert to gain the administration by any weakness or inefficiency of the party in power. Usually, there are two great parties, known today as the Liberal and the Unionist Parties; but of late years the Labor Party has become one of the leading parties. The Irish representatives who stand for Home Rule for Ireland form the Nationalist Party, but in the general election of December, 1918, the Irish vote went almost solidly for Sinn Féin, the party of complete Irish freedom. The Sinn Féin members refused to take their seats in Parliament, in protest against British rule in Ireland.

The Unionist Party is the more conservative party and the Labor Party is the more radical, the Liberal Party being usually considered as holding a position midway between the two. Personal predilection rather than issues usually determine membership in one or the other of the great parties, and members, even leaders, occasionally change from one party to the other.

The executive departments of the Government are in the hands of members of the Cabinet. All members of the Cabinet, including the Prime Minister, are expected on ocassion to appear for interpellation and speech-making on the floor of the House of Commons or of the House of Lords, as the case may be.

Parliament consists of two bodies—the House of Commons and the House of Lords; but legislation passed thrice by the House of Commons in successive sessions becomes effective even against the dissent of the House of Lords; and money bills, if not amended by the House of Lords, become effective at once without the assent of the Lords. Church of England clergymen, Church of Scotland clergymen and Roman Catholic clergy are barred from membership in the House of Commons. English and Scottish, but not Irish, peers are also ineligible for membership. Members receive an annual salary of 400 pounds. Women are eligible for membership. The total number of members is 707.

Members of the House of Lords are peers who hold their title by hereditary right or by creation of the King; Law Lords; 2 English arch-bishops and 24 English bishops; 28 Irish peers; and 16 Scottish peers, the latter elected. The full membership of the House of Lords would be about 700.

Voting is open to men above the age of 20 and to women above the age of 30. Males who served in the World War, if otherwise qualified to vote, may be registered at the age of 19. There are provisions by which an elector may vote in two constituencies in an election. Seats in the House of Commons are on the basis of one for every 70,000 in England and Scotland and one for every 43,000 in Ireland. The electorate eligible to vote in 1918 was estimated at more than 21,000,000.

Area and Population.—The last census showed the population and its distribution as follows:—

Division	*Area in Sq. Miles*	*Population*
England	50,874	34,045,290
Wales	7,466	2,025,202
Scotland	30,405	4,760,904
Ireland	32,586	4,390,219
Isle of Man	227	52,016
Channel Islands	75	96,899
Army & Navy Abroad.		145,729
Total	121,633	45,516,259

Religion.—The state Church of England is Protestant Episcopal, but all religious disabilities have been ended in Great Britain. The Church of Scotland is Presbyterian. There is no state church in Ireland,[4] but the majority of the people are Roman Catholics, except in Ulster, where there is a slight preponderance of Protestants. Figures for the religious persuasions in Great Britain are as follows:—

	England & Wales	*Scotland*	*Ireland*
Anglican	2,359,599[3]	200,000	576,611
R. Catholic	1,900,000	546,000	3,242,670
Presbyterian	88,166[1]	1,244,000	440,525
Methodist	827,587[1]	(2)	62,382

[1] Full members only. (2) Figures not available. [3] Full members; the total number of Anglicans in England and Wales is estimated at 24,000,000.

Education.—The most famous universities of England are Oxford, comprising 22 colleges and 3 halls; and Cambridge, comprising 17 colleges and 1 hall. Other universities are those of London, Birmingham, Sheffield, Durham, Victoria, Liverpool, Leeds and Bristol. The University of Wales comprises three colleges. The Universities of Scotland are those of St. Andrew, Glasgow, Edinburgh and Aberdeen. There are three universities in Ireland—Dublin, National and Queen's.

Local education in England and Wales is chiefly under the control of the County and County Borough Councils. There are provisions for continuation schools for those under 18 who have left school before that age, the minimum attendance in such schools being 320 hours per year. Latest figures show in England and Wales 1,049 recognized secondary schools, with 218,858 full-time pupils, of whom slightly more than half were boys. There were 129 other secondary schools recognized as efficient, with some 26,000 pupils.

In Scotland there are local elected educational authorities, elected from five burghs and the counties, including the remaining burghs. These authorities work through school management committees, representing the authorities, the parents and the teachers. There are continuation schools as in England and Wales. Latest figures showed 56 grant-receiving secondary schools, with 20,317 pupils.

Ireland has an Intermediate Education Board, which pays grants to schools according to the subventions which it receives. In the last year for which figures are available, 6,799 boys and 4,616 girls presented themselves for examination, of whom 4,175 boys and 2,689 girls were successful. Aside from this activity, secondary education in Ireland lies in private hands.

In England and Wales elementary education is under the control of the Board of Education, the local administration lying with the County and County Borough Councils. Attendance is compulsory between the ages of 5 and 14. Latest figures showed 21,464 elementary schools, with 5,979,889 pupils, and an average attendance of 5,219,000. There are also a number of higher and exceptional elementary schools. Employment of children under 12 and street-trading under 14 are forbidden.

In Scotland, elementary education is under the same authority as secondary (see above). Education, with certain exceptions, is compulsory up to the age of 15, with employment under 13 and street-trading under 17 forbidden. Latest figures show 3,363 elementary schools, with 839,002 pupils and an average attendance of 743,725. There were about 22,000 certificated teachers.

In Ireland, there are Commissioners of National Education to control elementary education. Latest figures show 8,060 elementary schools, with 699,472 pupils and 488,785 as the average attendance. There were 15,725 teachers.

Social Insurance.—There is in Great Britain a system of insurance against old age, unemployment and ill-health. British subjects over the age of 70, with an annual income below $240, and otherwise qualified, receive a pension of $2.45 a week, which may be slightly increased or decreased, according to circumstances. Latest figures indicated that some 745,000 women and 420,000 men were drawing old age pensions, the annual cost being about $85,000,000.

Health insurance is compulsory for all workers earning under $1,225 annually, and those earning above that sum may become voluntary subscribers to the benefits of the insurance. The contribution of the funds is divided among the employers and employees and the government. The funds are distributed largely through approved friendly societies and trade unions. Latest figures showed above 15,000,000 persons thus insured against ill-health.

Unemployment insurance is administered by the Board of Trade largely through the employment exchanges. Funds are provided by the employees and employers equally, to which the Government adds one-third of the sum total. Benefits consist of weekly payments in certain specified trades, under certain specified conditions and for a limited period of time per year. Latest figures showed about 2,500,000 persons thus insured, exclusive of the army and navy and the munition workers. In addition, a temporary out-of-work donation was made applicable after the World War.

Finance.—For 1919, the revenue of Great Britain was $4,400,000,000 and the expenditures were $12,500,000,000. Since Great Britain has long pursued a tariff policy of free trade, about 90% of the revenue usually comes from taxation. Before the World War, the public debt was $3,500,000,000; after the War, it was $34,000,000,000.

Army and Navy.—Great Britain has steadfastly refused to adopt a permanent policy of conscription or universal military training, placing her chief reliance for defence in her navy. The British naval program is traditionally that of maintaining sufficient naval force to surpass the total of the naval forces of the second and third naval powers. For army figures before the World War, see Armies of the World; figures were not made public to show the British military strength at the close of the War. For the naval strength, see Navies of the World.

Production and Industry.—Great Britain is the most highly industrialized of modern nations, the proportion of those engaged in manufacturing to those in agriculture being more than 6 to 1 in England and Wales at the last census, and almost 5 to 1 in Scotland. In Ireland the agricultural class slightly exceeds the industrial. The coast line is broken, and there are many excellent harbors, while many rivers such as the Thames, Humber, Tyne, Severn and

Wye permit raw materials to be brought very close to the great English factories. There are great resources of coal, especially around Newcastle and in the region comprising southeastern Lancashire, southwestern Yorkshire, northern Derbyshire, western Nottinghamshire. The exports of coal are very large. There is also a large output of iron, although it is not large enough to supply the great demand for iron. There is extensive fishing, especially from the ports of Great Yarmouth, Grimsby and Hull.

Most of England is a low coastal plain. The land ownership is for the greater part concentrated in a few hands and the farms are rented. The farming is highly intensive. The principal crops are wheat, barley, oats, beans, turnips, potatoes, hay and fruits. There is much gardening and stock-raising, the north and west being given over largely to grazing.

The traditionally greatest industry in England is the textile, especially cotton. The centre is Manchester. The woolen industry is centered largely around Leeds and Bradford. There is some production of linen, but it is inferior to that of Ireland; and the importance of the silk industry is declining. The centres of the great iron and steel industry are Birmingham, Sheffield, Leeds and Manchester. Northern Staffordshire is the centre of the pottery and earthenware trade, and the centre of English ship-building is Newcastle-on-Tyne.

Most of Scotland is mountainous and ill-suited for agriculture, being sparsely-settled. The only lowland section is the south central part, where agriculture is prosecuted as intensely as in England. Of the cereals, the chief crop is oats, with some barley; turnips and potatoes also are raised on a large scale.

There is much mining of coal in Scotland, especially in the county of Lanark. There are also a little iron ore and some oil. The fishing is largely from Aberdeen. There is much stock-raising in the highlands, especially of sheep, and most of the area of Scotland is given over to this pursuit. However, Scotland, like England, is predominantly industrial, the chief industries being the textile, distilling and iron and steel. Woolens, linens and cottons are produced in large quantities and there is also some manufacture of lace and silk. The iron and steel industry is largely along the Clyde, which is the greatest ship-building district in the world.

In contrast to England and Scotland, Ireland's wealth is chiefly agricultural. The lowlands are very fertile, although containing many bogs, and the waste lands are chiefly in the mountains of the west and south. But most of the land is under absentee ownership and the conditions of tenancy, though improved of late, have done much to keep the land poor. Nevertheless, the World War brought a marked increase of prosperity to Ireland. Most of the holdings are between 5 and 30 acres, and potatoes are the staple crop, although there is some stock-raising.

The coal resources of Ireland are not important, and their scarcity has hindered the exploitation of the iron ore fields. Of late years, the fishing industry has increased. The manufacturing, most of which is in Ulster, is largely textile—wool, linen and silk. There is some shipbuilding, especially around Belfast; and distilling is also an important activity. There is also a quantity of manufacturing within the home.

The latest figures reveal that the United Kingdom has 27,000,000 sheep, 2,800,000 pigs, 12,300,000 cattle and 1,900,000 horses.

The total cultivated area of the United Kingdom is 46,267,000 acres, of which 25,000,000 acres are permanent pasture. The arable land comprises 21,221,000 acres.

The latest figures for the annual crop production in the United Kingdom are as follows:

Oats	31,193,000	quarters
Wheat	11,648,00	quarters
Barley	7,765,000	quarters
Turnips & Swedes	22,835,000	tons
Hay	12,331,000	tons
Potatoes	9,223,000	tons
Mangold	10,321,000	tons

Among the yields *per acre* are 33.3 bushels of wheat, 33.8 bushels of barley and 44.4 bushels of oats. The acreage of the principal crops in the United Kingdom is as follows:—

Hay	8,753,000
Oats	5,614,000
Wheat	2,794,000
Potatoes	1,498,000
Barley	1,840,000
Turnips and Swedes	1,602,000

The last annual fishing catch was 431,351 tons, excluding shell-fish, with a value of $100,000,000. The value of the shell-fish catch was $2,500,000.

The tonnage of the principal minerals produced annually, with the value of the production at the mines and quarries, was as follows, according to the latest figures:—

Product	*Tons*	*Value*
Coal	248,499,000	$1,000,000,000
Iron Ore	14,846,000	30,000,000
Clay and Shale	5,842,675	6,500,000
Igneous Rocks	4,239,000	5,000,000
Limestone (not chalk)	10,455,000	8,500,000
Oil Shale	3,118,000	6,000,000
Salt	2,013,000	6,500,000
Tin Ore (dressed	6,576	3,750,000
Natural Gas	85,000	cubic feet

The total value of the mineral production was $1,110,000,000. About 18% of the coal produced is exported or used in the bunkers of foreign shipping.

From the above mineral production, there were extracted 4,688,000 tons of iron, valued at $200,000,000; 11,250 tons of lead, valued at $1,500,000; 3,936 tons of tin, valued at $4,500,000, the total value of metals thus obtained being $210,000,000.

The latest figures for the occupations in the United Kingdom were as follows:—

Industrial	11,307,000
Agricultural and Fishing	2,363,000
Commerce and Transport	2,608,000
Professional	938,000
Domestic	2,542,000
Government & Defense[1]	552,000

1—Exclusive of Ireland.

Commerce.—The latest figures show annual imports of $6,500,000,000 and annual exports of $2,500,000,000. The countries of chief trade in 1918 were as follows:—

Country	*Imports from*	*Exports to*
Argentine	$295,000,000	$ 85,000,000
Australia	225,000,000	130,000,000
Austria-Hungary (1913)	35,000,000	27,000,000
Brazil	42,000,000	43,000,000
Canada	610,000,000	70,000,000
Chile	95,000,000	30,000,000
China	46,000,000	55,000,000
Cuba	110,000,000	10,000,000
Egypt	250,000,000	110,000,000
France	170,000,000	700,000,000
Germany (1913)	375,000,000	275,000,000
India, British	435,000,000	240,000,000
Italy	48,000,000	170,000,000
Japan	115,000,000	35,000,000
Mexico	25,000,000	5,000,000
Netherlands	35,000,000	75,000,000
Norway	112,000,000	25,000,000
Russia (1917)	85,000,000	250,000,000
Spain	145,000,000	20,000,000
Sweden	110,000,000	10,000,000
Switzerland	60,000,000	45,000,000
United States	2,500,000,000	130,000,000

The value of the leading articles of import was as follows in 1918:—

Cotton Raw	$740,000,000	Butter	$100,000,000
Bacon	440,000,000	Seeds	100,000,000
Wheat	250,000,000	Tobacco	85,000,000
Beef	250,000,000	Fruits	85,000,000
Meal, Flour	170,000,000	Wool	175,000,000
Petroleum	310,000,000	Sugar	170,000,000
Copper	130,000,000	Tea	140,000,000
Lard	105,000,000	Wood	140,000,000
		Fish	80,000,000
		Cheese	75,000,000
		Hemp	65,000,000

The value of the chief articles of export in 1918 was as follows:—

Cotton Goods	$875,000,000
Coal	225,000,000
Wool Tissues	110,000,000
Apparel	55,000,000
Iron, Steel	60,000,000
Worsted Goods	60,000,000
Linen Goods	30,000,000

In the fiscal year 1919-20, the United States imported from Great Britain goods valued at $524,020,493 and exported thither goods valued at $2,151,336,423.

About 12,600 steam vessels of 11,275,000 tons and 8,335 sailing vessels of 845,000 tons belonged to the United Kingdom in 1913. For losses during the World War, consult that heading. In that year, the tonnage of vessels entering United Kingdom ports was 82,150,000; and the tonnage of those clearing was 82,660,000. About 60% of this tonnage was British. The chief ports are Liverpool, London, Cardiff, Tyne ports, and Glasgow.

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Great Britain, Treaties with.—Many of the treaties made between the United States and Great Britain have been either abrogated by wars or have been superseded by later treaties. All are, however, of great historic importance on account of the part they played in establishing the boundaries and determining the relations of the two countries.

Protocol Ending Revolution.—The provisional treaty of peace of 1782 was concluded at Paris, Nov. 30, 1782. By it, Great Britain acknowledged the independence of the United States, relinquished all claims, and specified the boundaries between the United States and Canada. It was the vagueness of the boundary description of the east that led to the difficulties with Canada, settled by the Webster-Ashburton treaty. Fishery rights were conferred upon, and confirmed to the United States in all parts in which its people had been accustomed to fish. The collection of debts was facilitated; recommendations were made for the restitution of confiscated estates; confiscations and persecutions were to cease; prisoners of war on both sides were to be liberated; and Great Britain was to withdraw all forces, and to restore all State records, archives, deeds, and papers, which had fallen into the hands of any British officers. The navigation of the Mississippi was to be open to the citizens both of the United States and Great Britain.

Armistice.—There was signed at Versailles on Jan. 20, 1783, an armistice declaring a cessation of hostilities, upon which the several provisions of the preceding treaty went into effect.

Peace.—The definitive treaty of peace between Great Britain and the United States was signed at Paris on Sept. 3, 1783. It was in effect a reiteration of the terms and conditions of the protocol.

Amity Commerce and Navigation (Jay Treaty).—The treaty of amity, commerce, and navigation of 1794 is known as the Jay treaty. A part of it expired by limitation in 1807, and the rest of it was annulled by the War of 1812. It contained more definite location of the St. Croix river—a part of the eastern boundary; and provided for the adjustment of claims on both sides.

Peace and Amity (Treaty of Ghent).—The treaty of peace and amity of 1814, known as the Treaty of Ghent, closed the war of 1812. It was signed at Ghent on Dec. 24, 1814. It declared peace between the two countries, provided for the restoration of territory and of archives; proclaimed a cessation of hostilities; and ordered the release of prisoners on both sides. The northeastern boundary was determined and laid down, the northern boundary from the St. Croix to the St. Lawrence, and the northern boundary from the St. Lawrence to Lake Superior, and thence from Lake Huron to the Lake of the Woods, were defined. It defined the powers of the boundary commission. The United States obligated itself to put an end to hostilities of the Indians; and slave trade was abolished. To this treaty were appended many annotations and explanations of the boundaries between the United States and Canada.

Commerce.—The convention of commerce and navigation of 1794 is continued in force by the treaties of 1815 and 1818, and indefinitely extended by the convention of 1827. It agreed to freedom of commerce and navigation throughout the dominions of both powers; provided for the equitable levying of imports, taxes, and tolls. It was stipulated that trade with the British West Indies and with British America should not in any degree be affected by this treaty. Trade with these parts of the British Empire was opened by the proclamation of President Jackson, on Oct. 5, 1830. (Page 1060.) The trade of the principal British ports of the East Indies was thrown open to the United States, but was limited to direct trade from a British to an American port. Coastwise trade was excluded from the provisions. Both countries were permitted to appoint consular representatives in the several ports to safeguard their commercial interests. A declaration was appended to the treaty to the effect that as the island of St. Helena was to be the abode of exile of Napoleon Bonaparte, American vessels were excluded therefrom.

Naval Forces on the Great Lakes.—In 1817 an arrangement was effected between the two countries which limited and prescribed the armed force that each country should maintain on the Great Lakes. (See Proclamation page 605).

Fisheries Boundary and the Restoration of Slaves.—The convention of 1818 respecting fisheries, boundaries, and the restoration of slaves, conferred upon the United States the privilege of taking fish on the southern, western, and northern coasts of Newfoundland, and upon the southern coast of Labrador. The United States relinquished the right to take or to cure fish within three miles of the coast in any other parts of the British dominions. Privilege was extended to the United States to enter ports, creeks, harbors, or bays, in any other part only for the purpose of procuring water, food, or for repairs, and protection from stress of weather. The boundary of the regions from Lake of the Woods to the Stony Mountains and thence west of the Stony Mountains, was defined. Commercial relations were extended for a period of ten years, in terms of the treaty of 1815. Compensation for the restitution of slaves was also provided for.

Indemnification for Slaves.—In 1822 a claims convention was agreed to for effecting the compensation for such slaves as had been carried away by British troops. Indemnity to the amount of $1,204,960 was awarded for this purpose by the convention of 1826.

Boundaries Suppression of Slave Trade and Extradition (Webster-Ashburton).—The convention of 1842 as to boundaries, suppression of slave trade, and extradition, defined the northeastern boundary, the northern boundary from Lake Huron to Lake of the Woods, and opened the river St. John, in New Brunswick, to both parties. Prior grants of land within the disputed territory were confirmed; the "Disputed Territory

Fund" was provided to defray expenses and to pay claims arising from the dispute over territory. A commission was established to settle the northeastern boundary dispute. Channels in the St. Lawrence, Detroit, and St. Clair rivers were declared open to navigation by both parties. For the suppression of the slave trade on the coasts of Africa, it was agreed to support a naval force of sufficient strength. Remonstrances with other powers were decided upon to help suppress the trade in slaves. Provision was made for the extradition of fugitive criminals charged with the commission of the more serious crimes.

Northwest Boundary.—The boundary of the country west of the Rocky Mountains was established by the treaty of 1846. The navigation of the Columbia River was free and open to both parties and the Puget Sound Agricultural Company was confirmed in its possessions.

Isthmian Canal (Clayton-Bulwer).—The convention of 1850, known as the Clayton-Bulwer treaty, dealt with the ship canal connecting the Atlantic and the Pacific oceans. It was superseded by the convention of 1901.

Ceding Horse-Shoe Reef.—Horse-Shoe Reef in the Niagara River was ceded to the United States by protocol of Dec. 9, 1850.

Reciprocity as to Fisheries, Duties and Navigation.—A reciprocity treaty was concluded in 1854 to settle by commission the question of fisheries, duties and navigation in British North America. The work of the commission was nearly concluded when in 1866 the United States exercised its right to terminate the treaty.

Suppression of African Slave Trade.—A treaty for the suppression of the slave trade was concluded in 1862, by which war vessels were empowered to search for slaves on suspected ships other than those of the navies of the two contracting powers. This right shall be exercised in a manner prescribed by the treaty and only within a distance of two hundred miles from the coast of Africa. In cases of illegal search and wrongful detention, the government of the country whose vessel was at fault shall be responsible for the payment of proper indemnity. Courts were established at Sierra Leone, Cape of Good Hope, and New York, for the convenient trial and settlement of cases. Conditions, apparatus, and supplies, which may be regarded as evidence of guilt, are specified in the treaty, and their presence on board a ship shall justify its detention or capture, and no indemnity may be collected by the owners of such vessel. Vessels engaged in such traffic shall be destroyed and the parts sold, or the vessel may be purchased by either of the contracting powers. The officers and crew of such condemned vessel shall be punished in accordance with the laws of their native country or that to which the vessel belongs. Slaves taken from such vessels are to be set at liberty and their freedom guaranteed by the country making the capture. The treaty was further supplemented by an agreement of 1863, and another in 1870, when mixed courts were abolished and the machinery of the ordinary courts of countries submitted therefor.

Alabama Claims, Fishery Rights, Navigation and Boundary.—The treaty of 1871, known as the Treaty of Washington, was drawn up for the settlement of all causes of difference between the two countries. The articles which referred to the Alabama claims, the Civil War claims commission, and the fisheries, are no longer effective. The River St. Lawrence in that part wholly within the Dominion of Canada is open to free navigation; the Yukon, Porcupine, and Stikine rivers are also open to free navigation by both parties. Reciprocal use of the Welland, St. Lawrence, and other canals of Canada, and of the State canals in the United States, is urged upon both governments. Lumber cut in the State of Maine upon the head waters of the River St. John, may be floated down the river to its mouth, and there shipped free of duty. In 1872, the Emperor of Germany, to whom was referred the question of the northwestern boundary, made an award of the island of San Juan to the United States. By protocol of 1873, the matter of the northwestern boundary was more fully established.

Fur Seals in Bering Sea.—The convention of 1892, relating to fur-seals in Bering Sea, established a tribunal of arbitration consisting of seven members—two named by the United States, two by Great Britain, one each by the president of France, the king of Italy, and the king of Sweden and Norway. All details for the meeting and conduct of the tribunal were laid down, their duties, the points for their decision, and the matter of the adjustment of the expenses were all clearly set forth. The award of the tribunal was made on Aug. 15, 1893. While the decision of the tribunal was pending a *modus vivendi* declared that all citizens of the United States and all subjects of Great Britain were prohibited from killing fur-seals in the eastern part of Bering Sea. The tribunal recommended that both governments prohibit the killing of fur-seals within a limit of sixty geographic miles of Pribilov Islands, or, during the season from May 1st to July 31st in each year anywhere north of the 35th degree of north latitude, and east of the 180th meridian of longitude. Sailing vessels are allowed to take part in seal fishing and these must bear a certificate from their home government and carry a distinguishing flag of their nation. The result as to number and sex of the catch, and the locality fished in during each day, must be entered in the vessel's log. Nets, firearms, or explosives must not be used. Men engaged in seal fishing must give to their respective governments evidence of their skill in the use of weapons. The regulations do not apply to Indians dwelling on the coasts who fish for food and livelihood by the customary means. The regulations to remain in force until superseded by a satisfactory agreement between the two countries.

For the extradition treaty of 1889, see Extradition Treaties.

Deserting Seamen.—By a treaty of 1892, deserting seamen may be arrested in ports by the consul of the country from whose vessels they have deserted, except such deserting seamen be citizens or subjects of the country in which he deserts.

Alaskan Boundary.—By a convention of 1892, provision was made for the appointment of a commission to conduct the survey for the determination of the Alaskan boundary between Canada and the United States. Also for a commission to mark the boundary in Passamaquoddy Bay. By a convention of 1894 the term of the Alaskan commission was extended until 1895, by reason of the difficulty of the task. In accordance with the decision of the tribunal, losses sustained by the seizure of British vessels by the United States in connection with the seal fisheries were paid by a claims convention commission of 1896. The award was $473,151.26 against the United States.

Disposition of Property of Deceased Persons.—A treaty of 1889 provides for the disposition of the real and personal property of citizens of one country within the dominions of the other, both as to the holding, the sale, and the succession and inheritance, as well as the administration of the affairs of deceased owners. The consular officers may personally, or by delegation to others, act for heirs until they be represented. This treaty was opened to accession by colonies of Great Britain, except Canada, and nearly all acceded to its provisions.

Alaskan Boundary.—A *modus vivendi* fixed a temporary boundary between Alaska and Canada in 1899, without prejudice to any rights of owners.

Isthmian Canal (Hay-Pauncefote).—The treaty of 1901, known as the Hay-Pauncefote Treaty, was concluded to facilitate the construction of a ship canal. It superseded the old treaty of 1850, or Clayton-Bulwer Treaty. The construction of the canal is provided for under the auspices of the United States Government. The canal is to be free and open to vessels of commerce and war of all nations, on equitable conditions and charges for traffic. It shall never be blockaded, nor shall any act of war or hostility occur within it. A belligerent may not revictual or take on other than strictly necessary stores within the canal, nor shall the passage of such vessels through the canal be unnecessarily delayed. Prizes shall conform to rules just as do the vessels of the belligerent power. Troops may not be embarked or disembarked, nor shall munitions of war be loaded or unloaded within the canal, except in case of accident. The limits of the canal shall extend a distance of three marine miles beyond each end. Except in cases of distress, vessels of war of a belligerent power shall not remain within the canal longer than twenty-four hours, and a vessel of war of one belligerent shall not depart within twenty-four hours of the departure of a vessel of war of another. All the buildings, plant, and equipment of the canal shall be regarded as a part thereof, and shall enjoy entire immunity from injury and attack at all times. (See illustration opposite 7084.)

Zanzibar Duties and Dues.—Treaties of 1902 and 1903 fixed import duties at the port of Zanzibar at not more than 10% of the value at the port and at one anna per registered ton for light and another for harbor dues on United States vessels entering Zanzibar and Pemba ports. The United States was given all trade rights, and extraterritorial rights in Zanzibar were abandoned by treaty of 1905.

Wrecking, Salvage and the Conveyance of Prisoners.—Reciprocal rights in the matters of conveyance of prisoners, and wrecking and salvage for the United States and Canada were provided for in a treaty concluded May 18, 1908.

Waters on Canadian Boundary.—By treaty signed January 11, 1909, the boundary waters between the United States and Canada are made open to both countries for navigation. Lake Michigan is specifically included, and a special protocol provides that nothing in the treaty shall change the existing territorial and riparian rights at the St. Mary's River rapids at the Sault Sainte Marie. Domestic jurisdiction is retained over waters on one side or the other of the boundary, with certain qualifications. Diversion of the water at Niagara Falls is limited to 20,000 cubic feet a second within the State of New York and 36,000 cubic feet a second within the Province of Ontario. There are special provisions regarding the use of the waters of the St. Mary and Milk Rivers and their tributaries as one stream for irrigation and power, the United States being entitled to a prior appropriation of 500 cubic feet a second from the Milk River, or three-fourths of its natural flow, and Canada being entitled to the same amount as regards the St. Mary River between April 1 and November 1. An International Joint Commission (q. v.) is established.

Alaskan Boundary.—The convention as to the Alaskan boundary was concluded on Jan. 24, 1903. It provided for the establishment of a tribunal of three members appointed by the President of the United States and three by the king of England. The details of procedure, the list of questions to be decided, the time of meeting, and the rendering of the decision, were all provided for in the convention. The decision was rendered Oct. 20, 1903. It was signed by Baron Alverstone for England (the two Canadian members not fully concurring in all of the decisions and answers), and by Elihu Root, Henry Cabot Lodge, and George Turner, for the United States. The agreement was effected by exchange of notes March 25, 1905.

Canadian Boundary.—April 11, 1908, a treaty was concluded providing for the appointment of commissioners to define the entire boundary line between Canada and the United States from Passamaquoddy Bay to the Pacific Ocean. A special treaty of May 21, 1910, defines the boundary in Passamaquoddy Bay.

Fisheries.—A *modus vivendi* between the United States and Great Britain was effected in September, 1907, in regard to inshore fisheries on the treaty coast of Newfoundland. Rights of coast fishermen formed the subject of compacts of 1908 and subsequent years. Under the arbitration treaty of 1908 (see below), the two countries agreed in 1909 to submit their differences over the treaty of 1818 respecting fisheries to the Hague Tribunal for arbitration. The Hague Tribunal handed down its decision in September, 1910. A summary of the award and a history of the dispute will be found under Fisheries.

Pecuniary Claims.—A special agreement signed on August 18, 1910, provided for the arbitration of certain outstanding pecuniary claims.

Arbitration.—On April 4, 1908, a treaty was signed (ratifications exchanged on June 4, 1908) whereby the two countries agreed to submit to the Hague Permanent Court of Arbitration all differences of a legal nature or relating to the interpretation of treaties and which it may not have been possible to settle by diplomacy. However, there is a proviso that such differences are not those which affect the vital interests, the independence or the honor of the two contracting parties, and do not concern the interests of third parties. In each case, the parties agreed, before reference to the Hague Tribunal, to conclude a special agreement defining the matter in dispute, the scope of the arbitrators, the stages of procedure, etc. An exchange of notes at the signing of the treaty stipulated that the treaty did not apply to existing pecuniary claims nor to treaties concerned with boundary waters. The treaty was for five years but has been regularly renewed.

An arbitration treaty of broader scope, signed on August 2, 1911, was not ratified

by President Taft, and hence did not become operative, because of changes made by the Senate in ratifying the treaty. (See illustration opposite page 7396.) A general arbitration treaty was signed on September 14, 1914 (ratifications exchanged on November 10, 1914), of which a summary will be found under Arbitration, International.

Fur Seals' Protection.—A treaty signed on July 7, 1911, with Great Britain, Japan and Russia, prohibits pelagic sealing, that is, the killing or capture of fur seals at sea, north of 30° in the Pacific Ocean, including the seas of Bering and Kamchatka, Okhotsk and Japan. Offenders may be seized by any party to the treaty and delivered for trial to the nations whose subjects they are. The ports of the contracting parties are closed to persons and vessels engaged in pelagic sealing in the forbidden waters, and sealskins taken contrary to regulations may not be brought into their territory. These prohibitions, however, do not apply to native Indians in their own small canoes, without firearms, and not employed nor under contract for delivery of skins. The killing or pursuit of sea otters beyond three miles from shore is also forbidden by the treaty.

The United States agrees to give at the end of each season, of the sealskins taken upon the Pribilof or her other islands north of 30° N., 15% in number and value to Canada and 15% to Japan, but never less than 1,000 skins to each, unless the killing of seals has been forbidden in that season, in which case the United States must give $10,000 to both Great Britain and Japan. However, if the seals frequenting the United States islands in any year number less than 100,000, all killing may be suspended without payment of any kind to Great Britain and Japan until the number rises again above 100,000. Russia agrees to give 15% of the skins taken on her islands to Canada and Japan, agreeing after 1916 to kill not less than 5% of the seals annually, provided that that number is not more than 85% of the three-year-old male seals hauling in that year. When the Russian herd falls below 18,000, all killing may be stopped. Japan agrees to deliver 10% of the sealskins taken on her islands to the United States, Russia and Canada each, with provisions similar to those affecting Russia, except that Japan may suspend killing when her herd falls below 6,500. Great Britain agrees to furnish 10% of skins taken to Japan, United States and Russia each, in case sealskins are taken upon islands belonging to her. This treaty practically superseded the treaty with Great Britain on the protection of seals signed on February 7, 1911.

Migratory Birds' Protection.—A treaty was signed on August 16, 1916, for the protection of the migratory game and insectivorous birds enumerated on pages 7896-7 and also of certain other non-game birds, including, among others, auks, bitterns, gulls, herons, loons. A closed season on game birds is established from March 10 to September 1 and on insectivorous and non-game birds throughout the year. Certain of the game birds are protected by a closed season throughout the year and there are other exceptions established to the general provisions.

Conscription Treaty.—A treaty was signed on June 3, 1918 (ratifications exchanged on July 30, 1918), whereby citizens of one country in the other country were made subject to the draft laws of their own countries for service in the armies of their country of residence. (See Drafts.)

Great Eastern. (See illustration opposite 4040.)

Great Falls Land Case, opinion of Judge Brewer in, referred to, 3072.

Great Lakes.—Five large bodies of fresh water on the northern line of the United States. They are Superior, Michigan, Huron, Erie, and Ontario. Lake Superior is the largest sheet of fresh water in the world; elevation above sea level, about 600 feet; length, about 370 miles; area, about 32,000 square miles. Lake Michigan is about 340 miles long and has a depth of 870 feet; elevation above sea level, 582 feet; area, over 22,000 square miles. Lake Huron has a length of 270 miles; depth, from 300 to 1,800 feet; elevation above sea level, 581 feet; area, about 23,800 square miles. Lake Erie is the southernmost and shallowest of the lakes, and is about 250 miles long; elevation above sea level, 573 feet; area, 9,600 square miles. Lake Ontario is the smallest and easternmost of the lakes, and is 190 miles long; elevation above sea level, 234 feet; area, about 7,500 square miles.

Great Lakes (see also the several lakes):
- Canal from, to Atlantic Ocean, commission to consider construction of, 6179.
- Fortifications of, referred to, 3261.
- Gunboat on, reasons for not constructing, 7481.
- Jurisdictions of United States and Canada in, discussed, 6064.
- Naval force on—
  - Agreements with Great Britain regarding, 581, 602, 1805, 1817, 5768.
    - Desire of Great Britain to annul, 1818.
    - Proclamation regarding, 605.
  - Arrangement limiting, referred to, 3459.
  - Necessity for increasing, discussed, 3447.
  - Regulations with regard to rescue and savings of life and property on, referred to, 4519, 5366.
  - Vessels of United States in, granted facilities for returning, 6331.

Great Miami River, lands purchased on, 105.

Great Osage Indians. (See Indian Tribes.)

Great Sioux Reservation. (See Sioux Reservation.)

Greater Republic of Central America, establishment of, discussed, 6264, 6325.

Greece.—Greece is a maritime kingdom of southeastern Europe, the mainland and Eubœa lying between 35° 50′-41° N. lat. and 19° 20′-26° 15′ E. long., and occupying the southern portion of the Balkan Peninsula, with certain islands in the surrounding seas. In 1912-13 Greece took part in a successful war of the Balkan League (Greece, Bulgaria, Servia and Montenegro)

against Turkey, gained a great extension of territory northward, and seized many of the Ægean islands. In July, 1913, war broke out between Greece and Servia on the one side and Bulgaria on the other, and against the last named Rumania threw in the weight of an unexhausted army. By the treaty of Bucharest the Greco-Bulgarian frontier was fixed to start from the new Serbo-Bulgarian frontier, on the east of the Belashitza Range, to terminate at the mouth of the river Mesta, on the Ægean, leaving Serres, Drama and Cavalla to Greece, who thus increased her acquisitions at the expense of Bulgaria. An irregular land frontier on the north separates the kingdom from Albania, Servia and Bulgaria, and on the west, south and east are the Adriatic and Ionian, the Mediterranean and the Ægean Seas. The mainland comprises the Peloponnesus (Morea), joined by the narrow Isthmus of Corinth to a larger northern territory, which extends over portions of Albania and Macedonia wrested from Turkey in the war of 1912-13. In the western sea are the Ionian Islands of Corfu, Leucas, Ithaca, Cephalonia and Zante; in the Mediterranean are Crete, Cerigo and Cerigoto; and in the Ægean the Northern Sporades, the Cyclades, and the islands of Samothrace, Lemnos, Strati, Mitylene, Psara, Chios, Nikaria, Themina, Samos, and other Ægean islands captured from the Turks in 1912-13.

AREA AND POPULATION

Departments (Nomoi) and Capitals	Area in English Sq. Miles	Population
Acarnania and Aetiolia (Missolonghi)	2,007	141,405
Achæa (Patras)	1,169	150,918
Arcadia or Morea (Tripolitsa)	1,682	162,324
Argolis (Nauplia)	995	81,943
Arta (Arta)	531	41,280
Attica (Athens)	1,207	341,247
Bœotia (Livadia)	1,196	65,816
Cephalonia (Argostoli)	290	71,235
Corfu (Corfu)	270	99,571
Corinth (Corinth)	914	71,229
Cyclades (Hermopolis)	1,042	130,378
Elis (Pyrgos)	775	103,810
Eubœa (Chalcis)	1,505	116,903
Euritania (Karpenisi)	887	47,192
Karditsa (Karditsa)	1,022	92,941
Lacedemon (Sparta)	1,200	87,106
Laconia (Gythium)	493	61,522
Larissa (Larissa)	1,500	95,066
Leucas and Ithaca (Leucas)	177	41,186
Magnesia (Macrinitsa)	785	102,742
Messenia (Messini)	645	127,991
Phocis (Salona)	810	62,246
Phthiotis (Lamia)	1,775	112,328
Trikkala (Trikkala)	1,178	90,548
Triphylia (Kyparissia)	617	90,523
Zante (Zante)	160	42,502
	24,822	2,631,952
Acquired Territory, Mainland	14,200	1,400,000
Acquired Territory, Islands	4,500	600,000
Total in 1913	43,522	5,000,000

Physical Features.—The kingdom is everywhere mountainous. The principal plains are those of Thessaly, Eubœa, Messenia, Argos, Elis, and Marathon, the last named (in Attica) being the site of battle of B. C. 490, in which the Athenians and Platæans defeated the armies of Persia. Macedonia extends three promontories southwards into the Ægean, and the easternmost of these peninsulas is known as Mount Athos. Mount Athos is a semi-independent tributary state with a total area of about 200 square miles, belonging to twenty Christian monasteries, and is ruled by an elective committee of twenty members, who appoint an executive council. The population is close on 9,000, of whom 3,000 are monks and the remainder lay brothers.

Ethnography.—The principal races are the Hellenes, the Albanians and the Vlachs, with a foreign element in which Turks preponderate. The Hellenes are the modern representatives of the ancient Greeks, the Albanians are descended from fourteenth century immigrants from the north; the Vlachs are believed to be descendants of the Roman colonists and owe their name to their rusticity (Βλήχας =a bleater). The Orthodox Church is the official religion of the kingdom.

Most of the inhabitants of Greece proper are members of the Greek Orthodox Church, which is the state church, although there is complete religious tolerance and liberty.

History.—Greece formed part of the Ottoman Empire from the middle of the fifteenth century until the awakening of the national spirit led to a Greek War of Independence, 1821-1829, which culminated in the Treaty of Adrianople (Sept. 12, 1829), whereby an Independent Monarchy was constituted. The independence was confirmed by the Convention of London (May 7, 1832), and a Bavarian prince reigned from 1832-1862 as King Otto I. A constitution was granted in 1844.

In 1862 a revolution drove Otto from the throne, and by the Treaty of London (July 13, 1863) a new dynasty was inaugurated, the throne being accepted by Prince William George of Schleswig-Holstein-Sonderburg-Glücksburg (second son of King Christian IX. of Denmark), while the Ionian Islands Commonwealth was transferred to the new government. Successful wars in 1912-13 against Turkey and Bulgaria increased the Hellenic dominions both on the mainland and in the Ægean.

Greece entered the World War in 1917 as an ally of the Entente Allies (see World War). At the close of the War, the indications were that Greece would extend her boundaries to include portions of southern Albania (Epirus), inhabited partly by Albanians; portions of Macedonia, inhabited chiefly by Bulgars; and sections of the west coast of Asia Minor, inhabited chiefly by Turks. Greece was to retain also most of the islands in the Aegean Sea which she occupied during the War, including Crete and Samos.

Government.—The constitution rests upon the fundamental law of Nov. 28, 1864, the crown being hereditary in the male (and eventually in the female) line of King George I., who reigned from 1863-1913. The Constitution was radically altered in 1911.

The Executive authority is vested in the sovereign, who governs through a Council of Ministers, appointed by himself, but responsible to the Chamber.

There is a single-chamber legislature of 184 deputies, elected for 4 years by the direct vote of all males over the age of 21. No law can be passed without a clear majority of the House, and no sitting is valid unless one-third of the total number are present.

There is a Council of State which functions to annul laws contrary to the Constitution and to criticize proposed legislation.

Justice is administered by correctional tribunals and justices of the Peace in

minor cases, with 26 courts of first instance, 5 Courts of Appeal and a Court of Cassation at Athens.

Figures for the Army were not available at the close of the World War. For figures before the War, see Armies of the World. For the Navy, see Navies of the World. Before the war military service was compulsory and universal with 2 years in the active army, 21 in the first reserve and 8 in the second reserve.

Production and Industry.—Agriculture conducted by primitive methods is the principal industry of the kingdom, and employs about half the population. About 10,000 persons are employed in the various mines and quarries.

About one-fifth of the area of Greece proper is arable, with 30% meadow and pasture and 13% under forests, although the rate of deforestation is becoming rapid. The most important crop is the currants, followed by olives; other important crops are tobacco, grapes, nuts, figs and rice (in Macedonia). Latest figures indicated 150,000 horses, 80,000 mules, 133,000 asses, 300,000 cattle, 3,550,000 sheep, 227,000 pigs and 2,638,000 goats.

There is a great variety of mineral deposits, the greatest tonnage extracted being of magnesite, iron and lead.

Latest figures showed only 2,213 factories, employing 36,000 workers and annually producing goods valued at $52,000,000.

Finances.—The revenue is chiefly derived from customs and direct taxes and monopolies; one quarter of the ordinary expenditure is for debt service.

January 1, 1913, the public Gold Debt of Greece amounted to $179,365,400, and the Currency Debt to $32,799,700. The total debt charges in 1913 were estimated at $7,957,860. In 1898 the administration of the debt was intrusted to an International Commission, sitting at Athens, consisting of representatives of the Governments of Great Britain, France, Germany, Russia, Austria-Hungary, and Italy. To them are assigned the revenues from all sources and proportional payments are made.

In 1917, the revenue was $40,000,000 and the expenditures, $85,000,000.

In 1918, the external debt of Greece was $225,000,000, with additional loans to be met of about $27,000,000.

Education.—Theoretically, schooling is compulsory to the age of 13, but the law is not strictly enforced in many districts. About 35% of the people are illiterate. Latest figures show 3,551 primary schools, with 4,640 teachers (mostly male), and 260,000 pupils (mostly male). There were 338 secondary schools, with 1,318 teachers and 31,400 pupils, practically all boys. There are two universities at Athens, and some trade and professional schools.

Commerce.—The latest figures showed annual imports into Greece of $45,000,000, and exports from Greece of $20,000,000. The chief imports were agricultural products, crude minerals, yarn and tissues, chemicals. The chief exports were agricultural products, followed, far below in values, by raw minerals, wine and animal products. In the years preceding Greece's entrance into the World War, her imports came chiefly from the United Kingdom, Austria-Hungary, France and Italy. Her exports went chiefly to the United Kingdom, Egypt, France, Netherlands, Italy. In the last fiscal year, the United States exported to Greece goods valued at $48,708,000 and imported from Greece goods valued at $92,230,000.

Shipping.—Latest figures show that the Greek navy consists of 433 steamers of 830,000 tons and 330 sailing vessels of 86,000 tons. Greek vessels carry much of the trade of Turkey. The chief harbor is the Piraeus, which is the port of Athens.

Communications.—There are about 1,365 miles of railroads. There are 5,735 miles of telegraph, with more than 10,000 miles of wire and 800 offices. There are 1,350 miles of telephone lines, with more than 5,000 miles of wire belonging to the six urban systems. There are 1,340 post-offices.

Cities.—Capital, Athens, in the southeast of Attica, a modern capital, occupying an extensive area around the site and remains of the classical city. Athens has a population of almost 200,000. The population of Saloniki is about 165,000. The Piraeus, with a population of about 75,000, is the only other large town.

Greece:
Commercial relations with, 1647.
Condition of Greeks referred to, 790.
Currants from, duties imposed upon, discussed, 6410.
Differences with, amicably settled, 2868.
Diplomatic relations with, recommendations regarding, 3656, 4520, 4630, 4718.
Expulsion of Greeks from—
Constantinople, 2774.
Egypt, 2828.
Independence of, hope for, manifested by United States, 762, 786, 785, 950.
Refugees from, in Asia, relief asked for, 8636.
Russia furnished aid to, 950.
Sympathy of American people for, acknowledged by, in letters of thanks, 950.
Territorial gains of, from World War discussed, 8840.
Treaty with, 1647, 1706.
Universities of, delegation from, to President Wilson, 8693.
Vessels of, discriminating duties on, repealed by proclamation, 1539.
War with Turkey, hope for independence of Greece manifested by United States, 762, 786, 828, 875, 950.

Greece, Treaties with.—A treaty of commerce and navigation was concluded Dec. 22, 1837, which conferred freedom of commerce, with attendant rights, privileges, protection, and security in all rivers, ports, and places where foreign commerce is permitted within the two countries. The treaty provides for the customary equitable tonnage duties and port charges; equal rights of imports into the two countries in vessels of either nation; and of exports from the two countries, except so far as coastwise trade is concerned, and passage from one port in the nation to another port in the same nation which is not permitted.

No prohibition of the import of the products of one country into the other shall ever be made. A vessel may enter a port of the other nation, and if it is not desirable to break cargo, may proceed on its voyage without incurring any charges other than those of pilotage, wharfage, and light, so long as all regulations are conformed to. If only a part of a cargo be unloaded at a port, the charges to be levied at that port shall be *pro rata* for that port only. Charges due upon a vessel at one port are to be paid at the first port of entry and not again at another port visited.

No quarantine shall be imposed on vessels coming directly to a port from a port within its own dominions and possessing a clean bill of health, so long as there is no malignant disease on the vessel, nor shall have been since leaving the home port. Should a port be blockaded within either of the countries, no merchant vessel shall be subject to capture for making a first attempt to enter a port, but may be so if, after one warning, the attempt be repeated. The treaty was made to run ten years from date, with a year's notice of intention to terminate. Jan. 30, 1890, a protocol was signed explaining and clarifying certain clauses of the treaty of 1837. (See also Consular Conventions.) There are no extradition treaties with Greece.

Greeley Expedition, relief of. (See Lady Franklin Bay Expedition.)

Green Bay, cession of lands at, for benefit of New York Indians, 1127.

Greenback Party.—Opposition to the resumption of specie payments caused a political party to be organized at Indianapolis, Ind., Nov. 25, 1874, called the Greenback party. The platform adopted advocated the withdrawal of all national and State bank currency and the substitution therefor of paper currency, or greenbacks, which should be exchangeable for interconvertible bonds bearing interest sufficiently high to keep them at par with gold, and that coin should only be used in payment of interest on the national debt.

In 1876 the Greenback party nominated Peter Cooper, of New York, for President. He received 81,740 votes, mostly from the Western States. In 1878 the Greenback party united with the Labor Reform party, the two forming the Greenback-Labor party. The new party, in their platform adopted at Toledo, Feb. 22, 1878, reiterated the demands of the original Greenback party, and in addition declared for an eight-hour law, prohibition of Chinese immigration, suffrage without regard to sex, and against grants of land to railroads and special grants to corporations. Fourteen members of Congress were elected on this platform. June 9, 1880, at their national convention held at Chicago, they nominated Gen. James B. Weaver, of Iowa, for President, and B. J. Chambers, of Texas, for Vice-President. Their popular vote reached 307,740. In 1884, with Gen. B. F. Butler as their candidate, they polled only 133,825 votes. The party has now become extinct.

Greenbacks.—The common name for the legal-tender Treasury notes, printed on one side in green ink, issued by the Government during the Civil War. The right of the Government to issue bills of credit was disputed by many statesmen and financiers, but the exigencies of the time seemed to render some such measure necessary and the Supreme Court finally established their validity. Issues of $150,000,000 each were authorized by the laws of Feb. 25 and July 11, 1862, and March 3, 1863. The result was that, as compared with greenbacks, gold was held at an average of 220 throughout 1864, and at one time actually rose to 285, and did not again touch par with greenbacks till Dec. 17, 1878, nearly seventeen years after the last previous sale of gold at par. By the specie resumption act of Jan. 14, 1875, it was ordered that on and after Jan. 1, 1879, all legal-tender notes presented to the assistant treasurer of the United States at his office in New York should be redeemed in coin. The term "greenback" has been applied to other forms of United States securities printed in green ink. (See Currency.)

Greenbacks:
- Discussed, 6073.
- Retirement of, recommended, 6078, 6175.

Greenland. (See Denmark.)

Greenwich, Meridian of, starting point for computing longitude, 4827.

Greer County:
- Boundary dispute regarding, 4902, 4904.
- Proclamation against selling lands involved in, 5325.
- Proclamation declaring lands in, in state of reservation, 6122.

Grenada.—A British colony in the West Indies, consisting of Grenada Island itself (the most southerly of the Windward Islands) and some of the Grenadines. The area is about 133 square miles and the population, which is almost exclusively negro, is about 75,000. The chief product and export is cocoa. The United Kingdom and the United States share most of the trade, the exports being about $11,000,000 annually and the imports, $8,500,000.

Grenada, Island of, duties on vessels from, suspended by proclamation, 5930.

Greytown, Nicaragua (see also Central America and Nicaragua and illustration opposite 2428):
- Bombardment of, and reasons therefor, 2814.
- Claims arising out of, 2995, 3049.
- Complaints of foreign powers regarding, 2817.
- Vessels from, duties on, suspended by proclamation, 4872.

Grierson's Raid.—In the spring of 1863 Gen. Hurlburt, with the approval of Gen. Grant, ordered Col. B. H. Grierson to proceed from La Grange, Tenn., with the Sixth Illinois (his own regiment), the Seventh Illinois, and the Second Iowa, by way of Pontotoc, in the northern part of Mississippi, to Baton Rouge, La., cutting the southern railroads and destroying bridges on the way. April 17, 1863, the expedition started and on the 19th the Second Iowa was detached below Pontotoc and the two Illinois regiments proceeded to Baton Rouge, where they entered the Union lines May 2. The results of the expedition are thus summed up in Grierson's report: About 100 of the enemy killed and wounded; 500 prisoners (many of them officers) captured and paroled; between 50 and 60 miles of

railroad and telegraph destroyed; more than 3,000 stand of arms and other stores captured and destroyed, and 1,000 horses and mules seized. Federal loss, 3 killed, 7 wounded, 5 left sick on the route, and 9 missing.

Griffon, The, seizure of, by Brazilian authorities, 2779.

Gros Ventre Indians. (See Indian Tribes.)

Groveton (Va.), Battle of, or Second Battle of Manassas.—After eluding Pope's army and destroying the military stores at Bristow Station and Manassas, Stonewall Jackson retired across the battlefield of Bull Run and awaited reenforcements. Longstreet arrived on Aug. 29, swelling the numbers of the Confederate army to 49,000. Pope's army numbered about 40,000. On the evening of the 28th Kearny had driven the Confederate rear guard out of Centreville, and Pope, feeling sure of crushing Longstreet and Jackson, ordered an attack to be made at daylight next morning. Sigel began the attack, which soon became general. McDowell's corps arrived upon the scene of battle late in the afternoon. Fitz-John Porter never came into action, though ordered up by Pope. For alleged disobedience of orders in this connection charges were preferred against Porter by Pope. At night both armies rested on the field. The next day, Aug. 30, the battle was renewed. The fiercest fighting took place about 5 o'clock in the afternoon, and on the ground where the battle of Bull Run had been fought July 21, 1861. The result was a victory for the Confederates under Lee and the defeat of Pope's army. The loss of the Federals was about 15,000, that of the Confederates about 8,400. This battle is also called the Second Battle of Manassas.

Guadalupe Hidalgo, Treaty of.—Named from the Mexican village where Nicholas P. Trist, on behalf of the United States, Feb. 2, 1848, signed the treaty with Mexico (2423), terminating the war and ceding territory now comprising Nevada, Utah, most of Arizona, a large part of New Mexico, parts of Colorado and Wyoming, and all of California, to the United States, and accepting the Rio Grande as the boundary between Mexico and Texas. The United States agreed to pay Mexico $15,000,000 (page 2437) and to assume the claims of its citizens against Mexico arising before the treaty. Mexicans in the ceded territory were allowed to remain at their option and were assured protection as citizens. (See also Mexico, Treaties with.)

Guadalupe Hidalgo, Treaty of:
- Abrogation of eleventh article of, referred to, 2771.
- Amendments to, discussed, 2529.
- Claims arising out of, 2636, 2771.
- Discussed, 2423, 2437, 2529.
- Fraudulent claims arising under, 2683.
- Proclamation regarding, 2477.
- Ratifications of, exchanged at Queretaro, 2437.
- Referred to, 2545, 2551, 2565, 2566, 2580, 2623, 2636, 2665, 2705, 2744, 2765, 2903, 2926.

Guadeloupe.—Two islands belonging to France in the Lesser Antilles, with an area of 722 square miles and a population of 215,000. The capital is Basse-Terre and the chief port is Pointe-à-Pitre. The chief products are sugar, rice and cacao, the annual exports averaging $10,000,000 and the imports, $8,000,000.

Guadeloupe:
- Extraordinary commission of, apply to Congress for aid, 143.
- Tonnage on American vessels at, referred to, 1123.
- Vessels of, duties on, suspended by proclamation, 5327.

Guam.—The island of Guam, the largest of the Mariana Archipelago, was ceded by Spain to the United States by Article II of the Treaty of Peace, concluded at Paris Dec. 10, 1898. It lies in a direct line from San Francisco to the southern part of the Philippines, and is 5,044 miles from San Francisco and 1,506 miles from Manila. It is about 30 miles long and 100 miles in circumference, and has a population of 15,000. The inhabitants are mostly immigrants or descendants of immigrants from the Philippines, the original race of the Mariana islands being nearly extinct. The prevailing language is Chamorro. English and Spanish are also spoken. Nine-tenths of the islanders can read and write. The island is thickly wooded, well watered, and fertile, and possesses an excellent harbor. The productions are tropical fruits, cacao, rice, corn, tobacco, and sugar cane. The island of Guam was discovered by Hernando de Magallanes on March 6, 1521.

The island was captured by the U. S. S. Charleston, Captain Henry Glass commanding, June 21, 1898, the American flag raised over Fort Santa Cruz, and a salute fired. Later the island was made a naval station, and Commander E. D. Taussig, of the U. S. S. *Bennington*, took possession Feb. 1, 1899. The Governor is a naval officer, and the island has a marine garrison as well as a station ship. Guam is under the administration of the Navy Department.

There are about 100 Japanese on the island and 70 Americans.

Guam contains a bank, cable offices, a high power radio station and a Department of Agriculture experiment station.

The products of the island are maize, copra, rice, sweet potatoes, coffee, cocoa, sugar and timber. There are about 900 water buffalo and 3,000 other cattle.

The last annual imports were valued at $358,000 and the imports at $132,000. The imports come chiefly from the United States and its possessions. The chief export is copra, some of which goes to Japan. The annual budget is about $110,000. Some 50 vessels of a tonnage of 110,000 visit Guam annually.

Guam, Island of, cable communication with, recommended, 6354.
- Release of prisoners on, 6735.

Guano:
- Claim of American citizens to, on Alta Vela Island, 3827.
- Deposits of, on Arcas Cays, 5679.
- Discovery of, in Jarvis and Baker Islands, referred to, 3017.
- Importation of, from Peru—
  - Desired, 2619, 2745, 2764.
  - Negotiations regarding, 2764.
- Referred to, 3018, 3068.

Guantanamo (Cuba), Battle of.—As a preliminary step to the capture of Santiago, June 10, 1898, a force of 600 American marines, under the protecting fire of the *Oregon, Marblehead, Dolphin, Yankee, Yosemite, Porter,* and *Vixen,* was landed at Guantanamo Bay, on the south coast of Cuba, 35 miles east of Santiago, where it had been decided to establish a naval station. This important point was taken after a severe bombardment, and the position so won was held by the marines, assisted by 50 Cuban allies, despite desperate attempts to dislodge them. Seven Americans (including Surg. John B. Gibbs) were killed and 8 wounded, and 2 Cubans were killed and 4 wounded while holding Guantanamo prior to the arrival of Gen. Shafter's army. The enemy's loss was much greater, 40 of their dead being left on the field. Seventeen prisoners were taken. After several naval demonstrations on the north coasts of Cuba and Porto Rico it became evident that well-ordered land operations were indispensable to the reduction of the forts. Accordingly a land force of 15,738 men, under Gen. W. R. Shafter, sailed from Tampa, Fla., June 14, and by the 24th had landed at Daiquiri, near Guantanamo. The landing was assisted by Cubans under Gen. Garcia. Little resistance was encountered from the Spaniards.

Guantanamo Bay:

Battle of, discussed, 6317.

Naval base at, urged, 7531.

Guatemala.—The Republic is the most northerly of the Central American States, and is situated between 13° 42′-17° 49′ N. lat. and 88° 10′-92° 30′ W. long. It is bounded on the west and north by Mexico, on the northeast by British Honduras, east by the Republic of Honduras, and southeast by the Republic of Salvador, with a coast line washed on the east by the Gulf of Honduras (Atlantic) and on the west and south by the Pacific Ocean.

Physical Features.—The Sierra Madre traverses the country from west to east, and forms a precipitous barrier between the narrow plains of the Pacific Coast and the rest of the country. The mountain barrier contains several volcanic peaks, and earthquakes are frequent. The highest summits are Tacana (14,000), Acatenango, Tajamulco, Fuego, Santa Maria, Agua, Atitlán, and Pacaya, all except the first named being dormant or active volcanoes. On the Atlantic side of the Sierra Madre are highlands between parallel ranges.

There are numerous rivers in Southern Guatemala, in addition to the torrents flowing from the Sierra Madre to the Pacific. The Rio Grande or Motagua has a total length of 250 miles from its source in the Atlantic to its outflow into the Gulf of Honduras.

A northern extension of the republic from the Sierra de Chama to 7° 49′ N. lat., and between Mexico and British Honduras, consists of the great Plain of Peten, with a total area of nearly 16,000 square miles.

History.—Guatemala was conquered by the Spaniards under Pedro de Alvarado early in the sixteenth century, and formed part of the Spanish colonial dominions until 1821, when the Captaincy-General, in which it was included, revolted and established its independence. In 1823 the country formed part of a larger republic of Central America, from which it seceded in 1847, and since that year it has been an independent republic.

Ethnography.—Guatemala has an area of 48,290 English square miles, with an estimated population of 2,100,000. Of the people more than half are pure-blooded Indians, mainly of the Maya and Quiché stock, the remainder being largely mestizos, or half-caste Spanish Indians, with a proportion of Spaniards, descendants of the colonists of the sixteenth-nineteenth centuries. The foreign element, estimated at 12,000, includes Italians, Germans and other Europeans, and many Jewish immigrants from the United States. The language of the country is Spanish, and the majority of the inhabitants are Roman Catholics.

Government.—The government is that of a centralized republic, with a constitution fixed in the year 1879, and amended in 1887 and 1897. The President is elected by direct vote of the nation for six years.

The President is assisted by a cabinet of six Secretaries of State.

Congress consists of a Council of State and of a National Assembly. The Council of State contains 13 members, partly elected by the Assembly and partly nominated by the President. The National Assembly consists of 69 members elected for 4 years by universal adult male suffrage.

The Republic is divided into twenty-three Departments, each under a *jefe politico,* and subdivided into districts and municipalities. There are municipal councils under the presidency of an alcalde (mayor), elected by direct vote of the inhabitants.

Service in the army is universal and compulsory on all subjects between the ages of 18-30, with a further term of 20 years in the reserve. The Peace Effective of the army is about 50,000; of the Reserve 30,000. The permanent force numbers about 7,000 in regular service.

Education.—Primary education is free and nominally compulsory, but more than 75 per cent of the inhabitants are absolutely illiterate. Large planters are compelled to provide elementary school accommodation for their employés' children free of cost to the public. Latest figures show 1,942 Government schools, with 55,000 pupils in the elementary schools. In 1918 the national University of Guatemala was established.

There is no state religion, but most of the people are Roman Catholics.

Production and Industry.—Coffee is the principal crop. Sugar, bananas, tobacco, cocoa, indigo, rubber, vanilla, grain, sweet potatoes and beans are also grown. The workers on the plantations are mainly Indians, and many of them are attached to the soil by the burden of undischarged debts, due to their improvident expenditure of wages paid in advance. The coffee produced is of the finest quality, the last annual production being 850,570 quintals. The industry is largely in the hands of German settlers. The forest production includes cedar, mahogany, and other cabinet woods, rubber and dye woods. There is also a large chicle (gum) industry.

After coffee, the most important crop is sugar, the last annual production being 971,600 quintals. Other crops were 9,351,000 bunches of plantains and bananas, 6,111,0000 quintals of maize, 180,000 quintals of beans, 344,000 quintals of wheat, 135,000 quintals of rice, 248,000 quintals of potatoes. There is a slight growth of cotton and there are extensive grazing-grounds on the high plateaux. Latest figures showed 655,385 head of cattle, 114,450 horses and mules, 402,000 sheep, 59,000 goats, 176,500 pigs.

Gold and silver are found, and have been worked for many centuries. There are indications of lead, tin, copper, mercury, antimony, coal, salt and sulphur, but the extent and value of the deposits are unknown. Two strong mining companies have commenced operations in the Departments of Huehuetenaugo and Chiquimula.

Commerce.—The latest figures show annual imports of $8,500,000 and exports of $7,500,000. The chief export is coffee, followed by bananas and sugar. The chief import is cotton. Most of the trade is with the United States. About 380 vessels, of some 650,000 tons, visit Guatemala annually.

The latest figures show that the United States exports annually to Guatemala goods valued at $8,391,000 and imports from Guatemala goods valued at $12,115,000.

Finance.—The last reliable figures show the annual budget as in the neighborhood of $3,300,000. The foreign debt is $11,500,000 and the internal debt is $4,270,000. These figures are in terms of United States money.

Communications.—Latest figures show about 400 miles of railway, operated in both Guatemala and Salvador. There are few good roads, and most of the travel is by means of mules. There are 425 post-offices, 4,340 miles of telegraph lines and 260 telegraph stations.

Cities.—Capital, Guatemala (Guatemala) population (1912) about 90,000. Other towns are: Quezaltenango, Totonicapam, Coban and Sololá.

Guatemala:

Boundary dispute with Mexico, 4627, 4716, 4802.

Arbitration of, submitted to United States minister, 6066, 6265.

Diplomatic relations with, 4562.

Foreign minister of, congratulations to and from on armistice of World War, 8626.

Fugitive criminals, convention with, for surrender of, 4067, 5123, 5179, 5199.

Minister of United States to, action of, regarding seizure of Gen. Barrundia on the *Acapulco* and subsequent recall of, discussed, 5544.

Papers regarding, transmitted 5565.

Political affairs of, referred to, 5870.

Relations with, 4667.

Tariff laws of, evidence of modifications of, proclaimed, 5716.
Discussed, 5747.

Treaty with, transmitted and discussed, 2572, 4067, 5123, 5179, 5199.

Extension of time for ratification of, recommended, 2686.

War in Central America caused by, discussed, 4911.

War with Salvador, 5543.

Guatemala, Treaties with.—A treaty of peace, friendship, commerce, and navigation was signed March 3, 1849; two claims conventions were signed in 1900, and a trade-mark agreement in 1901. A convention of 1901 provides for the tenure and disposition of personal and real property. A period of three years, reasonably extended if necessary, is given to those who are by the laws of the country disqualified from holding inherited property within either country, to dispose of the property to advantage and to close up their affairs. Full power is given for the disposal by sale, testament, gift or otherwise by citizens of one country within the dominions of the other, on terms identical with those of native citizens. The consular office is empowered to act either directly or by delegation for distant heirs of a deceased owner until they may be properly represented. (See also Extradition Treaties, and Trade-Mark Conventions.)

Guatemala also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington, July 29, 1914. (See South and Central America, Treaties with.)

Guerrière, The, capture and destruction of, by the *Constitution*, 502.

Guiana, British. (See British Guiana.)

Guild Socialism. (See Socialism.)

"Gulflight," S. S., loss of American life by sinking of, 8062.

Gulf of Mexico. (See Mexico, Gulf of.)

Guilford Court-House (N. C.), Battle of.—The American army, when arranged for battle at Guilford Court-House, N. C., March 15, 1781, consisted of 4,404 men, including 1,400 regular infantry and 161 cavalrymen, under command of Gen. Greene. The remainder were raw militia. Cornwallis's army was not more than 2,200 strong. The conflict lasted two hours, and the Americans were repulsed after having killed or wounded nearly one-third of the British army. Cornwallis and Leslie were the only British general officers not wounded. The exact number of British killed and wounded was officially reported at 544. The total American casualties were reported as 1,311. Lord Cornwallis retreated after the battle to the coast. Pitt and other great leaders in Great Britain regarded this engagement as the precursor of ruin to British supremacy in the South.

Gun Factory for Army, establishment of, at Watervliet Arsenal, N. Y., discussed, 5374.

Gun-Foundry Board:

Appointed in 1890, report of, transmitted, 5565.

Discussed, 4797, 4833.

Purposes of, 7284.

Referred to, 4798, 4849.

Report of, 4798, 4849.

Gun Manufactory, erection of, recommended, 1608, 1714.

Gunboats. (See Vessels, United States.)

Habeas Corpus.—In law a writ issued by a judge or court requiring the body of a person restrained of liberty to be brought before the judge or into the court, that the lawfulness of the restraint may be investigated and determined. The writ of habeas corpus is one of the chief bulwarks of civil liberty, being perhaps the best security ever devised against the grosser forms of tyranny. Its foundation is in the Magna Charta of England. The power to suspend it is naturally a subject of the gravest importance. The Constitution of the United States, Article I., section 9, provides: "The privilege of the writ of habeas corpus shall not be suspended unless when, in cases of rebellion or invasion, the public safety may require it." The writ has been suspended many times in England. It was suspended in Rhode Island by state authority during Dorr's Rebellion. July 5, 1861, Attorney-General Bates gave an opinion in favor of the President's power to suspend the writ. March 3, 1863, Congress approved this opinion, and thereafter many arrests were made for disloyal practices. Sept. 15, 1863, the suspension of the writ was made general so far as it concerned persons arrested by military officers for disloyalty. In 1866, in the case of Milligan, arrested in Indiana in 1864, and sentenced to death by a military tribunal, the Supreme Court, having been appealed to, decided that the privilege of the writ could not be suspended in districts where the action of the civil courts was not interrupted, except that military commissioners might be given jurisdiction to try residents of rebellious states, prisoners of war, and persons in the military and naval services. Milligan, being a civilian, was exempt from the laws of war, and could only be tried by a jury. (See also Merryman case; Milligan Case.)

Habeas Corpus:

Authority given by President Lincoln to suspend writ of, 3217, 3218, 3219, 3220, 3240, 3300, 3313, 3322.

Referred to, 3225.

Suspension of writ, by President Lincoln, 3299, 3371, 3420.

Revoked as to certain States by President Johnson, 3529, 3531.

Suspension of writ, in South Carolina by President Grant, 4090, 4093.

Revoked as to Marion County, 4092.

Hague Peace Conference.—May 18, 1899, there assembled at The Hague an international conference of delegates from the principal countries of the civilized world. These representatives met in response to an invitation of the Czar of Russia, and their objects were to secure concerted action for the maintenance of a general peace between nations and the amelioration of the hardships of war, as well as the reduction of the naval and military armaments of the world. One hundred delegates were present representing the United States, Mexico, China, Japan, Persia, Siam and twenty-one European powers. No delegates from South or Central America attended. The sessions were presided over by Baron de Staal, of Russia, and continued from May 18 to July 29.

To facilitate the work of the conference three grand committees were formed dealing respectively with the three subjects of discussion, viz.: Armaments and engines of destruction; humane regulations in warfare; and mediation and arbitration. Each of the powers was represented on each committee and each had one vote on every proposal submitted to the conference. The conclusions of the conference were embodied in a final act signed July 29 by all the states represented. This act consists of three conventions, three declarations, and six resolutions. The conventions relate to the pacific adjustment of international disputes, and with the laws and usages of war on land, and provide for the adaptation of the rules of maritime warfare to the principles of the Geneva Convention of 1864 (q. v.) The three declarations prohibit the use of projectiles or explosives from balloons for a period of five years (adopted unanimously); the employment of projectiles which diffuse asphyxiating or other deleterious gases (not accepted by England and the United States); and the use of bullets which expand or flatten easily in the human body. In the six resolutions the conference expresses the opinion that the military burdens which now weigh so heavily on the world may be lightened, in the interest of the moral and material well being of humanity (unanimously agreed to); that the duties of neutrals, the inviolability of private property in maritime warfare, and the question of the bombardment of towns should be referred to a future conference, and that the questions of the types and calibers of marine artillery and small arms and the size of naval and military budgets should be studied with a view to establishing uniformity in the former and a reduction of the latter.

The first convention, which relates to the pacific adjustment of international disputes, proved the most important work of the conference. According to this convention the signatory powers agree to resort to mediation in cases of serious international disputes, and agree that mediatory advances by a third party shall not be considered by the disputants as an unfriendly act; where neither honor nor essential interests are concerned a commission of inquiry is provided for.

International Court of Arbitration.—With a view to the settlement of disputes between countries by arbitration a Permanent Court of Arbitration was created. This tribunal is composed of persons eminent in international law chosen by the parties to a dispute from a permanent list of arbitrators nominated by the signatory powers. Each power is allowed to nominate four members for a term of six years.

The following powers were the members of the court at the outbreak of the World War in 1914: Argentine Republic, Austria-Hungary, Belgium, Bolivia, Brazil, Bulgaria, Chile, China, Colombia, Cuba, Denmark, Dominican Republic, Ecuador, France, German Empire, Great Britain, Greece, Guatemala, Haiti, Italy, Japan, Luxemburg, Mexico, Montenegro, Netherlands, Nicaragua, Norway, Panama, Persia, Peru, Portugal, Rumania, Russia, Salvador, Servia, Siam, Spain, Sweden, Switzerland, Turkey, United States, Uruguay and Venezuela.

Court of Arbitration.—Oct. 21, 1904, the United States proposed a second Peace Conference for the purpose of granting jurisdiction to The Hague Tribunal through treaties of arbitration, and for other purposes. This second conference convened in the Hall of Knights, The Hague, June 15, 1907. It was presided over by M. Nelidoff, and the sittings continued from June 15 to Oct. 18, 1907. The permanent Court of Arbi-

The following are the first cases submitted to and adjusted by the Hague Tribunal:—

Case	*Countries Involved*	*Date of Compromis*	*Date of Award*
Pious Fund	United States and Mexico	1902	1902
Preferential Claims against Venezuela	Venezuela and Italy, Germany, Great Britain and the United States	1903	1904
Japanese House Tax	Japan and Great Britain, France and Germany	1902	1905
Right of Muskat Dhows to Fly Flag	France and Great Britain	1904	1905
Deserters at Casablanca	France and Germany	1908	1909
Maritime Frontier	Norway and Sweden	1908	1909
North Atlantic Coast Fisheries	United States and Great Britain	1909	1910
Orinoco Steamship Co	United States and Venezuela	1909	1910
Arrest and Return of Savakar	France and Great Britain	1910	1911
Canevaro Claim	Italy and Peru	1910	1912
Interest on Indemnities	Russia and Turkey	1910	1912
The Manuba	France and Italy	1912	1913
The Carthage	France and Italy	1912	1913
The Tavignano	France and Italy	1912	1913
Boundaries of the Island of Timor	Netherlands and Portugal	1913	1914

tration was perfected by making it to consist of fifteen judges, eight of whom should be appointed by the six great European nations, Japan and the United States, the other seven to be appointed by the minor powers and to sit in rotation, according to the maritime importance of the countries they represent. Other questions discussed were the declaration of war and the time to elapse between that event and the beginning of hostilities. It was finally decided that no military action was to be taken until a formal declaration of war was made and neutrals notified. In relation to naval warfare it was decided that before bombardment from the sea due notice would be given neutrals and non-combatants.

The powers agreed "to take no military or naval action to compel the payment of debts until an offer of arbitration has been made by the creditor and refused or left unanswered by the debtor, or until arbitration has taken place and the debtor state has failed to conform to the decision given."

No decision was arrived at on the great question of the disarmament of nations.

The United States delegates to the Court of Arbitration are George Gray, Elihu Root, Oscar Straus, and John Bassett Moore.

The actual accomplishments of The Hague Conference are as follows: It established the inviolability of neutral territory and the right of asylum in that territory for prisoners of war; prohibited belligerents from establishing wireless telegraph stations in neutral territory; forbade belligerent ships of war to take on fuel or revictual in neutral ports; provided that hostilities shall not begin without a previous declaration of war; ordered that neutral powers be notified of a state of war; revived the declarations which had lapsed in 1904, viz.: prohibition to drop projectiles from balloons, to diffuse deadly gases, or to use bullets of an unusually cruel kind; required indemnification by any belligerent who violates any of the rules of war; provided a definite period of grace allowance to belligerent merchantmen in the enemy's harbors at the beginning of hostilities; prohibited the use of submarine anchored torpedoes for the purpose of restricting commercial navigation; and the use of floating mines, unless they be made so as to become harmless within an hour after having passed beyond human control, and also the use of anchored mines which do not become harmless after they have broken their moorings; prohibited the bombardment of undefended places; insisted on the inviolability of fishing boats and of the postal service; ratified the humanitarian recommendations of the Geneva Red Cross Convention of 1906; established the international prize court; agreed to the American adaptation of the Drago Doctrine, namely, that one nation shall not attempt to collect by force debts claimed by its citizens from the government of another nation unless the question of indebtedness be first submitted to arbitration.

Reservation by United States.—Both Hague conventions were signed by the plenipotentiaries of the United States under reservation of the following declaration: "Nothing contained in this convention shall be so construed as to require the United States of America to depart from its traditional policy of not intruding upon, interfering with, or entangling itself in the political questions of policy or internal administration of any foreign state; nor shall anything contained in the said convention be construed to imply a relinquishment by the United States of America of its traditional attitude toward purely American questions."

In ratifying and signifying American adherence to the second Hague convention, the Senate expressly excluded Article XXIII thereof concerning the rights and duties of neutral powers in naval war, which is in the following words: "Article XXIII.—A neutral power may allow prizes to enter its ports and roadsteads, whether under convoy or not, when they are brought there to be sequestrated pending the decision of a prize court. It may have the prize taken to another of its ports. If the prize is convoyed by a war ship, the prize crew may go on board the convoying ship. If the prize is not under convoy, the prize crew are left at liberty."

It was further resolved by the Senate that the "United States adheres to this convention with the understanding that the last clause of Article III implies the duty of a neutral power to make the demand therein mentioned for the return of a ship captured within the neutral jurisdiction and no longer within that jurisdiction." "Article III.—When a ship has been captured in the territorial waters of a neutral power, this power must employ, if the prize is still within its jurisdiction, the means at its disposal to release the prize with its officers and crew, and to intern the prize crew. If

the prize is not in the jurisdiction of the neutral power, the captor government, on the demand of that power, must liberate the prize with its officers and crew."

Later development of the processes set in motion by the Hague Conferences waited upon the development of a League of Nations, formed at the close of the World War. (See also Arbitration, International and Peace.)

See illustration opposite 6485.

Hague Peace Conference (see also Arbitration, International):
Advancement made by, 7118.
Debts of nationals, collection of, by Governments, referred to, 7060.
First, discussed, 6664.
Monroe Doctrine acceded to by, 6664.
Peace promoted by, 7060.
Second, convening of, 6923, 6991.
Third, provided for, 7120.

Hague Permanent Court of Arbitration:
First case to be considered, United States vs. Mexico, 6718.
Report of, 6731.
Venezuelan claims submitted to, 6794.
Report of, 6941.

Hague, The, International Statistical Congress at, referred to, 4082.

Hail Columbia.—A popular national song written by Judge Joseph Hopkinson, of Philadelphia, in 1798, when war with France seemed imminent. The air to which Mr. Hopkinson's words are sung, and indeed for which they were expressly written, was first known as "General Washington's March" and later as "The President's March." It was composed by Professor Feyles, leader of the orchestra of the John Street Theater, New York, in 1789, and played when Washington went to New York to be inaugurated President. The song was first sung by an actor named Fox in a Philadelphia theater, and immediately became a great favorite.

Haiti.—Haiti (or San Domingo, or Hispaniola) is the second largest of the Greater Antilles, in the "West India" Islands, and lies between 17° 37′-20° 10′ N. lat. and 68° 20′-74° 28′ W. long. Two-thirds of the island form the Dominican Republic (q. v.), the western third, between 18°-20° 10 N. lat. and 70° 40′-74° 28′ W. long., being the Republic of Haiti.

History.—The island was visited in Dec. 6, 1492, by Christopher Columbus, who named it Espagnola, the native name being Haïti (mountainous) or Quisquica (vast). The Spaniards explored the island and almost exterminated the 2,000,000 native Indians, whom they replaced with African negroes. By the Treaty of Ryswick (1697) the western portion of the island was ceded to France, and in 1803 the territory was abandoned by the French, and a republic was proclaimed under the aboriginal name of Haïti.

During its existence the so-called republic has had twenty-four rulers, the majority of whom have died at the hands of their enemies before the expiration of the terms for which they were elected. Aug. 8, 1912, President Cincinnatus Leconte was killed by an explosion which destroyed the national arsenal at Port au Prince, and Tancrede Auguste succeeded him. He was succeeded May 4, 1913, by Michel Oreste. In July, 1915, President Guilaume was murdered by a mob, and, amid the disorder following United States marines were landed by Admiral Caperton, July 29. Under American protection Gen. Dartiguenave was elected President Aug. 12, and the United States assumed a protectorate over the republic.

Government.—The new constitution was adopted on June 12, 1918. It provides for a chamber of deputies elected for two years on the basis of one for every 60,000 inhabitants and a senate of fifteen members elected for six years. The President is elected for four years by the two chambers in joint session. The administration lies in the hands of five secretaries of state.

Area and Population.—The area is estimated at 10,205 square miles and the population at 2,200,000. Most of the people are negroes, although there are many mulatto Haitians, the descendants of the former French settlers. The official language of the country is French, although the mass of the people speak a dialect known as Creole French. The capital is Port-au-Prince, with about 120,000 inhabitants. It has an excellent harbor.

Roman Catholicism is the prevailing religion. Public instruction is free and compulsory; latest figures show 855 primary schools with 62,000 pupils and 30 secondary schools, with 4,850 pupils.

Finance.—The revenue is obtained almost entirely from the customs, under the supervision of the United States. The expenditure goes chiefly for interest on the debt. The average annual revenue is about $4.000,000. Latest figures showed the foreign debt as $24,000,000 and the internal debt as $62,000,000.

Production and Commerce.—The industries are chiefly agricultural. The leading product is coffee, although there is an export duty on it. There is also much growing of cocoa, cotton, sugar and tobacco. The timber industry has also become important. There is little cattle-raising. There are mineral resources, but they are not developed.

The average annual imports run to $10,-000,000 and the exports to $13,000,000. Most of the trade is with the United States, although many of the exports go to France in normal years.

Communications.—About 85 steam vessels of 415,000 tons entered Haitian ports for the last year for which figures are available. There are about 150 miles of railway in operation and 65 miles more under construction. There is a street railway in Port-au-Prince. There is a Government telegraph system of 125 miles and there are about 30 post-offices.

Trade with the United States.—The trade between Haiti and the United States in 1919 broke all previous records. In that year, the United States exported to Haiti goods valued at $16,327,848 and imported from Haiti goods valued at $9,705,147.

Haiti:
Claims of United States against, 1857, 2067, 2760, 4665, 4716, 4918, 5120, 5369, 6099, 6100.
Award referred to, 5123.
Settlement of, 6332.
Colombia and, dispute between, arbitrated by United States, 7657.

Correspondence with, transmitted, 5907.
Diplomatic intercourse with, provision for, recommended, 4716.
Duties imposed upon American products by, retaliatory measures proclaimed, 5702.
Fugitive criminals, convention with, for surrender of, 3459.
Imprisonment of American citizens by, 3829, 4665, 4918, 5020, 5123, 5369, 5869, 6099.
Independence of, recognition of, by United States recommended, 3248.
Instructions to naval officers in command on coast of, referred to, 4023.
Insurrections in, discussed, 4824, 4918, 5368, 5471.
Mission to, elevation of, recommended, 5468.
Naval force at, referred to, 3832.
Recognition of, by United States referred to, 5471.
Relations with, discussed, 3885.
Social condition of, discussed, 3885.
Treaty with, transmitted and discussed, 3329, 3459.
Vessels of United States seized or interfered with by, 2680, 5368, 5390.
Vessels refused clearance by, discussed, 5869.

Haiti, Treaties with.—A treaty of amity, commerce, navigation, and extradition was concluded Nov. 3, 1864, and provides for most favored nation treatment, immunity of the citizens of the one country in the dominions of the other in time of war between the two countries and of their goods for a period of six months after declaration of war, together with exemption from seizure of money debts or shares. The citizens of the one country shall be exempt from military service and forced loans or exactions and shall not pay any higher contributions than those demanded from the citizens of the other country. Perfect freedom in the conduct of trade is accorded to all in whatever direction they may legally elect. The books, papers, or accounts of citizens of either country residing within the jurisdiction of the other, may be examined only upon the order of a competent judicial authority. Liberty of conscience and protection of the dead is secured. Property may be disposed of by sale, testament, or gift, with full liberty and without embarrassment.

Importation and exportation of goods may be conducted with equal privileges, regardless of the nationality of the vessels so engaged. The coasting trade is not included in this agreement. The imposition of duties on products of both countries shall be the same for each as for the goods of other countries, and no prohibition of the import of the products of either country into the other shall be made. Provision is made for extension of humane treatment to the shipwrecked on the shores of both countries. Vessels of either nationality attempting to enter a blockaded port of the other shall not be captured on the first attempt, but may be if the attempt is repeated or persisted in. The principle that free ships make free goods is recognized by both parties, and that the property of neutrals on an enemy's vessel is not subject to confiscation unless contraband. Arms, munitions of war, and military equipment of all kinds form a class of contraband of war. Provision is made to facilitate the examination of ships' papers and the search during war as well as the disposition of captured vessels and goods. The customary provision is made for the establishment of consular offices on terms usually described in consular conventions. The terms of extradition recited in the treaty are to be found under Extradition Treaties. The term of the treaty was originally for eight years, with renewal, subject to one year's notice of intention to terminate. (See also Naturalization.)

Haiti also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claims and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington, July 29, 1914. (See South and Central America, Treaties with.)

On Feb. 28, 1916 a treaty was ratified with Haiti which provided for responsibility on the part of the United States for the monetary solvency and civil stability of the Republic. In most respects, the treaty provides for a protectorate similar to that assumed over the Dominican Republic. The police force of the Republic is to be native in its personnel and the United States officers are to be removed as soon as native officers are sufficiently well-trained to replace them. The expenditures and receipts of the country will be controlled by a financial adviser from the United States.

All foreign claims against the Republic are to be settled by arbitration. Haiti agrees not to modify downwards its customs duties, not to sell or lease any of its territory to a foreign nation nor make any treaties subversive of its independence. The United States agrees to surrender its claim for a naval station on Mole St. Nicholas; to carry out extensive sanitary improvements; and to maintain the Haitian government by support, if necessary, in case of an attack against it.

"Half-Breeds."—In political parlance, a name used in derision to describe the partizans who favored the withdrawal of troops from Southern States in support of the action of President Hayes; and who also urged Civil Service reform in the matter of appointments. The partizans opposing these views came to be known as "Stalwarts" (q. v.). (See also Civil Service.)

Half-Holiday for government employees in summer recommended, 7208.

Halifax Commission.—A commission consisting of representatives of the United States and Great Britain which met in 1877 at the city of Halifax, Nova Scotia, to decide what amount should be paid by the former country for the fishing privileges granted its citizens by the treaty of 1871. Great Britain and the United States each named one of the commissioners and the third was named by Austria. The Canadians insisted that the concessions granted to the citizens of the United States by that instrument were much more valuable than those obtained by themselves in the reciprocal privileges given them by it. The com-

mission decided that the United States Government should pay the sum of $5,500,000, and Congress appropriated that amount with the proviso that the articles in the treaty relating to fisheries ought to be terminated at the earliest period consistent with other provisions of the same treaty. These articles were terminated on July 1, 1885, and three years later a new treaty was negotiated but was rejected by the United States Senate on Aug. 21, 1888. The entire dispute was finally settled by the Hague Tribunal. (See Fisheries.)

Halifax Independence Resolutions. — Resolutions calling for the independence of the American colonies from British rule, adopted unanimously by the provincial congress of North Carolina on April 12, 1776, at its meeting in Halifax. These were the first resolutions for independence officially adopted by any of the North American colonies in the Revolutionary War. They were seconded by resolutions passed by Virginia in the following month, and thus were influential in paving the way for the Declaration of Independence in July of the same year.

Halifax, Nova Scotia:

American prisoners of war in, 507.

Fishery Commission held at, under treaty of Washington referred to, 4419, 4435, 4437, 4438.

Award of commission and appropriation for, discussed, 4448. (See also Geneva Tribunal.)

Hall of Fame.—March 5, 1900, the Council of New York University accepted a gift of $100,000, afterward increased to $250,000, from a donor, whose name was withheld, for the erection on University Heights, New York City, of a building to be called "The Hall of Fame for Great Americans." A structure was built in the form of a semi-circle, 170 feet, connecting the University Hall of Philosophy with the Hall of Languages. On the ground floor is a museum 200 feet long by 40 feet wide, consisting of a corridor and six halls to contain mementos of the names that are inscribed above. The colonnade over this is 400 feet long with provision for 150 panels, each about 2 feet by 6 feet each to bear the name of a famous American.

Only persons who shall have been dead ten or more years are eligible to be chosen. Fifteen classes of citizens were recommended for consideration to wit: Authors and editors, business men, educators, inventors, missionaries and explorers, philanthropists and reformers, preachers and theologians, scientists, engineers and architects, lawyers and judges, musicians, painters and sculptors, physicians and surgeons, rulers and statesmen, soldiers and sailors, distinguished men and women outside the above classes. Fifty names were to be inscribed on the tablets at the beginning, and five additional names every fifth year thereafter, until the year 2,000, when the 150 inscriptions will be completed. In case of failure to fill all the panels allotted, the vacancies are to be filled in a following year.

Every nomination seconded by a member of the university senate is submitted to an electorate of one hundred eminent citizens selected by the University council. The number of names submitted to the electorate for first ballot was 252. Of these each judge returned a vote for fifty. The rule required that no candidate receiving less than fifty-one votes could be accepted. The returns showed that but twenty-nine candidates received the required number and were chosen. These were as follows: George Washington, Abraham Lincoln, Daniel Webster, Benjamin Franklin, Ulysses S. Grant, John Marshall, Thomas Jefferson, Ralph Waldo Emerson, Henry W. Longfellow, Robert Fulton, Washington Irving, Jonathan Edwards, Samuel F. B. Morse, David G. Farragut, Henry Clay, Nathaniel Hawthorne, George Peabody, Robert E. Lee, Peter Cooper, Eli Whitney, John J. Audubon, Horace Mann, Henry Ward Beecher, James Kent, Joseph Story, John Adams, William E. Channing, Gilbert Stuart, Asa Gray.

In October, 1905, under the rules named above, the senate received the ballots of 95 electors out of 101 appointed, of whom only 85 undertook to consider the names of women. A majority of 51 was demanded, but in the case of the names of women, a majority of only 47. The following persons were found to be duly chosen: John Quincy Adams, 59; James Russell Lowell, 58; William Tecumseh Sherman, 58; James Madison, 56; John Greenleaf Whittier, 53; Alexander Hamilton, 88; Louis Agassiz, 83; John Paul Jones, 54; Mary Lyon, 58; Emma Willard, 50; Maria Mitchell, 48.

The hall was dedicated May 30, 1901, when twenty-five or more national associations each unveiled one of the bronze tablets in the colonnade, and on May 30, 1907, the eleven new tablets were unveiled, orations being given by the governors of New York and Massachusetts.

Since the deed of gift was amended to admit memorials to famous foreign born Americans, the roll of electors has been amended in like manner. Mr. Andrew Carnegie, a native of Scotland, succeeding to the place of ex-President Grover Cleveland, deceased.

In October, 1910, the next ballot was taken, the number cast being 97 and the number required for a choice being 51. The following persons had the requisite number of votes: Harriet Beecher Stowe, 74; Oliver Wendell Holmes, 69; Edgar Allen Poe, 69; Roger Williams, 64; James Fenimore Cooper, 62; Phillips Brooks, 60; William Cullen Bryant, 59; Frances E. Willard, 56; Andrew Jackson, 53; George Bancroft, 53; John Lothrop Motley, 51. There were 211 nominees.

In 1915, the following names were successful in gaining entrance to the Hall of Fame,—Francis Parkman; Mark Hopkins; Charlotte Cushman; Elias Howe; Joseph Henry; Rufus Choate; Daniel Boone; Alexander Hamilton; and Louis Agassiz, the last two of whom were not born in this country.

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Hampton Normal Agricultural Institute, Indians to be educated at, 4455.

Hampton Roads (Va.), Battle of.—One of the most celebrated maritime conflicts known to history. Aside from the dramatic interest that surrounds the battle of Hampton Roads, it is important from the fact that it marks the transition from the old to the new style of naval warfare, the passing of the ancient wooden frigate and the advent of the modern navy. When the navy-yard at Norfolk was seized by the Confederates in April, 1861, they found the steam frigate *Merrimac* (40 guns) scuttled and sunk. She was afterwards raised and her deck covered with a slanting roof made of 3 layers of iron, each 1¼ inches thick. This armor extended 2 feet below the water line and rose 10 feet above. The bow was provided with a ram. Her armament consisted of eight 11-inch guns, 4 on each side, and a 100-pounder rifled Armstrong gun at each end. She was then named the *Virginia*. About noon March 8, 1862, she came down the Elizabeth River under command of Commodore Franklin Buchanan, who had been an officer in the United States Navy. The sloop of war *Cumberland*, 24 guns and 376 men, stood athwart her course and opened fire. The projectiles of the *Cumberland* from thirteen 9 and 10-inch guns struck the oncoming monster and glanced from her armor. Advancing with all her speed in the face of 6 or 8 broadsides, the massive bulk of iron rammed her prow into the *Cumberland* just forward of the main chains and instantly opened fire from every gun that could be brought to bear. The *Cumberland* sank in 54 feet of water, her flag flying, and guns firing as she went down, taking with her over 100 dead, sick, and wounded of the crew. The *Merrimac* (*Virginia*) then turned her attention to the *Congress*. One shot killed 17 men at one of the latter's guns. When the flag of surrender was run up only 218 survived of a crew of 434 men. At 7 o'clock in the evening the iron-clad retired behind Sewells Point. Next morning (Sunday, March 9) she approached the *Minnesota*, which had grounded on a bar. Before getting near enough to administer a shot a strange-looking vessel, called the *Monitor*, commanded by Lieut. John L. Worden, stood across her path. The *Merrimac* proceeded and sent a shell toward the *Minnesota*. The answer was 2 shots from the 11-inch guns in the revolving "cheese-box," which the turret of the *Monitor* resembled. The effect of these was to attract the undivided attention of the *Merrimac*. Rising only 10 feet out of the water, the *Monitor* was not a tempting mark, and the shot that did strike glanced off harmlessly. For the most part the shot flew over the low deck. Five times the *Merrimac* tried to run down the *Monitor*, and at each attempt received the fire of her 11-inch guns at close quarters. After having been twice aground and receiving 2 broadsides from the *Minnesota*, the *Merrimac* withdrew from the conflict, badly disabled and almost unmanageable. On the *Merrimac* 2 men were killed and 19 wounded. Lieut. Worden was injured. (See also *Merrimac*, The; *Monitor*, The.)

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Monitor-Merrimac naval engagement in, 3313.

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Hanging Rock (S. C.), Battle of.—On the evening of Aug. 6, 1780, Col. Sumter, with a force of 150 men, attacked the British post at Hanging Rock, a large bowlder jutting out from the high bank of the Catawba River, in South Carolina, 11 miles from Rocky Mount. A body of North Carolina refugees under Col. Bryan fled upon the approach of Sumter, but the Prince of Wales Regiment defended the post for 4 hours and was almost annihilated, the British loss aggregating 269. The American loss was 12 killed and 41 wounded.

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Hanover Court-House (Va.), Battle of.—May 24, 1862, while McClellan's army was advancing up the peninsula toward Richmond, Gen. Fitz-John Porter was sent with 12,000 men to Hanover Court-House, 17 miles north of Richmond, to meet and facilitate the advance of McDowell's corps, which was to join McClellan by way of Fredericksburg. Here, May 27, Porter met and defeated the Confederates under Gen. Branch. The Federal loss was 387; that of the Confederates between 200 and 300 killed and 730 taken prisoners. McDowell was recalled and Porter returned to his former camp at Gaines Mill.

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EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT B. HARRISON, 1889-1893.

(NOT INCLUDING TERRITORIES).

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Hard Cider Campaign. (See Log Cabin and Hard Cider Campaign.)

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Thirty-fourth administration—Republican.
Vice President—Calvin Coolidge.
Secretary of State—
Charles Evans Hughes.
Secretary of the Treasury—
Andrew W. Mellon.
Secretary of War—
John Wingate Weeks.
Attorney General—
Harry M. Daugherty.
Postmaster General—
Will H. Hays (*until March 4, 1922.*)
Hubert Work.
Secretary of the Navy—
Edwin Denby.
Secretary of the Interior—
Albert Bacon Fall.
Secretary of Agriculture—
Henry Cantwell Wallace.
Secretary of Commerce—
Herbert Clark Hoover.
Secretary of Labor—
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Harlem Heights (N. Y.), Battle of.—After Washington had successfully withdrawn the American troops from Long Island he proceeded to strengthen and fortify his lines at Kings Bridge, on Harlem Heights. Sept. 15, 1776, the British ships in the East River landed a small force at Kips Bay, and on the 16th Gen. Howe sent a regiment and two battalions of infantry to dislodge the Americans. The British were driven back with a loss of nearly 200 in killed and wounded.

Harlem River, N. Y., navigation of, report of coast survey on the possibility and expense of rendering navigable for commercial purposes, 3120.

Harpers Ferry (Va.), Capture of.—After Stonewall Jackson was detached from Lee's army in Maryland he recrossed the Potomac at Williamsport Sept. 12, 1862, and proceeded down the Virginia side of the river to Harpers Ferry. Sept. 13 he occupied Loudon Heights, meeting with but little opposition. On the night of the 14th Col. Davis with 2,000 cavalry crossed the river between the Confederate forces and escaped. Jackson opened fire on the garrison on the evening of the 14th and continued on the morning of the 15th until Col. Dixon S. Miles, mortally wounded, surrendered 11,583 men, 73 guns, 13,000 small arms, 200 wagons, and large quantities of supplies. The killed and wounded on the Union side numbered 217, while the Confederates sustained no loss.

Harpers Ferry, Va., insurrection at, discussed, 3084.

Harrisburg Convention.—The high-tariff woolen bill of 1827 passed the House of Representatives, but it was rejected in the Senate through the vote of the Vice-President. The protectionists thereupon called a convention to meet at Harrisburg, Pa., the following year. This body was made up mainly of delegates from the New England and Middle States. It presented the idea of protection to the people and decided to ask for an increased duty upon woolens and also upon other manufactured articles. The activity of the delegates to this convention and the sentiment aroused resulted in the passage of the high-tariff law of 1828, which its enemies nicknamed "The bill of abominations."

Harrison, Benjamin.—1889-1893.

Twenty-sixth Administration—Republican.

Vice-President—Levi P. Morton.

Secretary of State—
James G. Blaine.
John W. Foster.
Secretary of the Treasury—
William Windom.
Charles Foster.
Secretary of War—
Redfield Proctor.
Stephen B. Elkins.
Attorney-General—
William H. H. Miller.
Postmaster-General—
John Wanamaker.
Secretary of the Navy—
Benjamin F. Tracy.
Secretary of the Interior—
John W. Noble.
Secretary of Agriculture—
Jeremiah M. Rusk.

Nomination.—Harrison was elected by the Republican party at the election of 1888. The convention met at Chicago on the 19th of June. For some time the work of the convention was delayed awaiting word from Blaine, who was in Europe, as to his possible candidacy. On the withdrawal of his name, the leading candidates were Sherman, Gresham, Alger, and Harrison. Sherman led for the first six ballots but on the seventh the nomination went to Harrison.

Platform.—The platform of 1888 paid tributes to the memories of the great leaders of the party of the past; reaffirmed support of the Constitution; committed the party uncompromisingly to the policy of protection; opposed foreign cheap labor and Chinese immigration; opposed trusts, combines, and monopolies; restricted public lands to settlers' use; confirmed constitutional government by the Territories; condemned Mormonism; supported bimetallism; favored postage reduction; endorsed free schools; urged the rehabilitation of the merchant-marine; favored increase of the navy; advocated a more courageous foreign policy; condemned the Democratic party and the Republican deserters of 1884; urged greater pension relief for soldiers; and arraigned President Cleveland for excessive veto in this direction.

Opposition.—The Democratic party in convention at St. Louis, on June 5, 1888, unanimously renominated President Cleveland. Two Labor parties met at Cincinnati on May 15, 1888. The Union Labor party nominated Andrew J. Streator; and the United Labor party put forward Robert H. Cowdrey.

Popular Vote.—The popular vote on Nov. 6, 1888, gave Cleveland 5,536,242; Harrison, 5,440,708; Streator, 146,836; and Clinton B. Fisk (Prohibitionist), 146,876. The electoral vote, counted on Feb. 13, 1889, gave Harrison 233 and Cleveland 168.

Party Affiliation.—Benjamin Harrison's political career began with the birth of the Republican party. In 1860 he became conspicuous in Indiana by a thorough canvass of the State when a candidate for the office of reporter of the Supreme Court. By oversight of the respective campaign committees he and Governor Hendricks were cast to speak at Rockville on the same day, and by agreement divided the time between them. Harrison acquitted himself in debate in an amazingly creditable way. From that time, Harrison was active in every campaign in the State, except for the interruption by his Civil War career. For his support in the campaign of 1880, President Garfield offered Harrison a Cabinet position. In the Senate he was a strong partisan against the administration of Cleveland. His acceptability to what were regarded as doubtful States decided his nomination for President in 1888.

Political Complexion of Congress.—In the Fifty-first Congress (1889-1891) the Senate, of 84 members, was composed of 37 Democrats and 47 Republicans; and the House, of 330 members, was made up of 156 Democrats, 173 Republicans, and 1 In-

dependent. In the Fifty-second Congress (1891-1893) the Senate, of 88 members, was composed of 39 Democrats, 47 Republicans, and 2 Alliance; and the House, of 332 members, was made up of 235 Democrats, 88 Republicans, and 9 Alliance.

Public Debt.—The public debt of the United States during the administration of President Harrison stood as follows: July 1, 1889, $975,939,750.22; 1890, $890,784,370.53; 1891, $851,912,751.78; 1892, $841,526,463.60.

In his Second Annual Message (page 5549) President Harrison attributes the great reduction of the public debt to "the efforts of the Secretary to increase the value of money in circulation by keeping down the Treasury surplus to the lowest possible limit. That this substantial and needed aid given to commerce resulted in an enormous reduction of the public debt and of the annual interest charge is a matter of increased satisfaction. There have been purchased and redeemed since March 4, 1889, 4 and 4½ per cent. bonds to the amount of $211,852,450 at a cost of $246,620,741, resulting in the reduction of the annual interest charge of $8,967,609 and a total saving of interest of $51,576,706."

Foreign Policy.—In his Third Annual Message (page 5617) the President makes suggestions regarding the rights of aliens domiciled in the United States as a deduction from the lynching in New Orleans of several Italian subjects. In the affair with the government of Chile the President was earnest and insistent in his demands, which after a display of great patience, became peremptory and were satisfactorily complied with. The onus of the Bering Sea adjustment was thrown upon the President by the illness of Secretary Blaine, and it was not long until treaty adjustment was made. There is no doubt that the presentation of the "five points" upon which the arbitrators were asked to arbitrate was the work of President Harrison and are a good illustration of his legal acumen.

Tariff.—President Harrison was an out-and-out protectionist. In his First Annual Message (page 5473) he said: "I recommend a revision of our tariff law both in its administrative features and in the schedules. . . . The inequalities in the law should be adjusted, but the protective principle should be maintained and fairly applied to the products of our farms as well as of our shops. . . . The free list can very safely be extended by placing thereon articles that do not offer injurious competition to such domestic products as our home labor can supply. . . . If safe provision against fraud can be devised, the removal of the tax upon spirits used in the arts and manufactures would also offer an unobjectionable method of reducing the surplus." In speaking of the McKinley tariff act of 1890, in his Second Annual Message (page 5556) the President said while the act had been in force at the time of speaking only sixty days, "It is curious to note that advance in prices of articles wholly unaffected by the tariff act was by many hastily ascribed to that act." "No bill was ever framed, I suppose, that in all of its rates and classifications had the full approval of even a party caucus. Such legislation is always the product of compromise as to details, and the present law is no exception." In his Third Annual Message (page 5627) the President said: "I think there are conclusive evidences that the new tariff has created several great industries, which will within a few years give employment to several hundred thousand American working men and women." In his Fourth Annual Message (page 5744) the President said: "I believe the protective system, which has now for something more than thirty years continuously prevailed in our legislation, has been a mighty instrument for the development of our national wealth and a most powerful agency in protecting the homes of our workingmen from the invasion of want. I have felt a most solicitous interest to preserve to our working people rates of wages that would not only give daily bread, but supply a comfortable margin for those home attractions and family comforts and enjoyments without which life is neither comfortable nor sweet." He expressed regret that the results of the recent elections indicate a change of tariff policy and the accompanying disruption of trade conditions which uncertainty in tariff legislation invariably brings.

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Harrison, William Henry.—March 4, 1841-April 4, 1841.

Fourteenth Administration—Whig.

Vice-President—John Tyler.

Secretary of State—
Daniel Webster.

Secretary of the Treasury—
Thomas Ewing.

Secretary of War—
John Bell.

Secretary of the Navy—
George E. Badger.

Postmaster-General—
Francis Granger.

Attorney-General—
John J. Crittenden.

Nomination.—William Henry Harrison was elected by the Whig party in the election of 1840. He was nominated at the National Whig Convention that met at Harrisburg, Pa., Dec. 4-7, 1839, to consider the claims of several rivals for the nomination, especially Harrison, Clay, and Scott. No platform was adopted by the Whigs.

Opposition.—The Democrats met in convention at Baltimore, May 5, 1840, and nominated Martin Van Buren for reelection, but chose no Vice-Presidential candidate.

Platform.—For the first time in election history, a national party platform was adopted. It set forth strict construction, opposed Federal assumption of State debts; opposed Federal fostering of one industry

to the exclusion or neglect of another; and national banks; strongly asserted State rights; separation of government money from banking institutions; and endorsed the principles of Jefferson, as set forth in the Declaration of Independence. The Liberty party met in convention at Warsaw, N. Y., and, later, at Albany, N. Y., on April 1, 1840, and nominated James G. Birney on a platform of abolition of slavery. The party thus formed was the beginning of the modern Republican party. The campaign of 1840 was one of the most remarkable in the political history of the United States. It was the first in which all of the people manifested intense interest and excitement. The attempts to belittle Harrison on account of his humble origin were taken up as catch-words, and the "Hard Cider and Log-Cabin" campaign became the "political hurricane of 1840."

Popular Vote.—The popular vote cast at the election of Nov. 3 by twenty-six States stood: Harrison, 1,275,017; Van Buren, 1,128,702; and Birney, 7,059. The electoral vote, counted Feb. 10, 1841, gave Harrison 234 votes, and Van Buren, 60.

Party Affiliation.—The great services that made Harrison so popular were military rather than political. His first nomination for the Presidency was in 1835 by a Whig convention. The second nomination, in 1839, was by a convention composed of Whigs, National Republicans, and Anti-Masons. His failure of election in 1835 was largely due to the fact that the opponents of Van Buren and Jackson did not concentrate upon Harrison as they did in 1840. President Harrison was not a strong party man. In his Inaugural Address (page 1847) he deprecates party influence. "If parties in a republic are necessary to secure a degree of vigilance sufficient to keep the public functionaries within the bounds of law and duty, at that point their usefulness ends." And again: "To me it seems perfectly clear that the interest of the country requires that the violence of the spirit by which these parties are at this time governed must be greatly mitigated, if not entirely extinguished, or consequences will ensue which are appalling to be thought of."

Political Complexion of Congress.—In the Twenty-seventh Congress (1841-1843) the Senate, of 52 members, was made up of 22 Democrats, 28 Whigs, and 2 Independents; and House, of 242 members, was composed of 103 Democrats, 132 Whigs, 6 Independents, and 1 vacancy. In the Twenty-eighth Congress (1843-1845) the Senate, of 52 members, was made up of 23 Democrats and 29 Whigs; and the House, of 223 members, was composed of 142 Democrats and 81 Whigs.

Foreign Policy.—In his Inaugural Address (page 1874) the President outlines his policy in these words: "Long the defender of my country's rights in the field, I trust that my fellow-citizens will not see in my earnest desire to preserve peace with foreign powers any indication that their rights will ever be sacrificed or the honor of the nation tarnished by any omission on the part of their Chief Magistrate unworthy of their former glory."

Harrison, William Henry:
Biographical sketch of, 1858.
Death of—
Announcements of, 1877.
Certificate of, 1885.
Day of fasting and prayer recommended in consequence of, 1887.
Honors to be paid memory of, 1879.
Report of physicians on, 1886.
Resolution of Congress on, 1908.
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Major-general, military talents of, commented on, 520.
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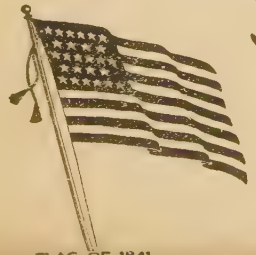
Proclamation of, convening extraordinary session of Congress, 1876.
Provisions for family of, for expenses incurred in removing to Washington recommended, 1893.
Remains of, removal of, to North Bend, Ohio, for interment, 1907.
Correspondence regarding, 1906.

Hartford Convention.—Hartford, Conn., has been the scene of two historic conventions with almost opposite purposes. In the autumn of 1780 delegates from all the Northern States assembled there to devise means to strengthen the financial system of the Federal Government and to raise and equip troops for the prosecution of the War of Independence. A second convention was held there Dec. 15, 1814-Jan. 5, 1815, and had for its object the denunciation of the war with Great Britain. It consisted of delegates from Massachusetts, Connecticut, Rhode Island, New Hampshire and Vermont, and was held behind closed doors. The New England Federalists were much opposed to the War of 1812, as it wrought great damage to their commercial interests. They denounced the policy of the Government in drafting men for the Army and demanded reforms in the direction of state's rights. Having been accused of an attempt to disrupt the Union, the convention denied "any present intention to dissolve the Union," but admitted that "if a dissolution should become necessary by reason of the multiplied abuses of bad administration it should, if possible, be the work of peaceable times and deliberate consent." It laid down the general principle that "it is as much the duty of the state authorities to watch over the rights reserved as of the United States to exercise the powers that are delegated." The resolutions of the convention were endorsed by the legislatures of Connecticut and Massachusetts and passed upon by Congress. No attention was there paid to them. They are of interest as showing that secession was contemplated in New England at an early date in our history. The strength of the Federalist party in the states where it had been strongest began to wane after the holding of this convention.

Hatchers Run (Va.), Battle of.—Oct. 27, 1864, in an attempt to seize the South Side Railroad and get nearer Richmond, the Second Army Corps, under Hancock, and two divisions of the Fifth Corps forced a passage of Hatchers Run, the termination of the Confederate works on the right, and moved up on the south side of it to the point where the run is crossed by the Boydton plank road. In support of the movement Butler made a demonstration on the north side of the James River and attacked

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT WM. H. HARRISON, 1841.

(NOT INCLUDING TERRITORIES)



FLAG OF 1841

the Confederates on both the Williamsburg and York River railroads. The Confederates moved across Hatchers Run and made a fierce attack upon Hancock, but were driven back into their works. During the night Hancock retired to his old position, having lost 1,900 men, one-third of whom were missing. Feb. 5, 1865, Grant made another attempt to turn the Confederate lines at Hatchers Run. The only gain was an extension to the westward of the Federal lines. The losses in the attempt were 2,000 on the Federal and about 1,000 on the Confederate side.

Hatteras Expedition.—Aug. 26, 1861, an expedition against Forts Hatteras and Clark was sent out from Fortress Monroe under Commodore Stringham and Gen. Butler. The naval force consisted of the *Minnesota* and four other vessels and transports and the land force about 900 men. Fort Clark was occupied on the 27th without serious opposition. On the morning of the 28th bombardment of Fort Hatteras began, and on the 29th at eleven o'clock, the fort surrendered. Butler occupied the works with his land forces. Capt. Barron and 615 prisoners were sent north on the flagship *Minnesota*. Twenty-five pieces of artillery, 1,000 stands of arms, and a large quantity of ordnance stores, provisions, etc., fell into the hands of the victors.

Hatters' Case. (See Loewe v. Lawlor.)

Havana, Cuba (see also Cuba):

Destruction of the *Maine* in harbor of, 6277, 6290, 6305.
Findings of court of inquiry discussed, 6277, 6290.
Number of lives lost in, 6296.
Proposition of Spain to investigate causes of, referred to, 6290.

Hawaii.—A dependent territory of the United States consisting of a group of twelve islands (four of which are uninhabited), lying near the middle of the Pacific Ocean, between 18° 54′ and 22° 2′ north latitude and between 155° and 161° west longitude. From Honolulu, capital of Oahu, to San Francisco the distance is 2,100 miles; to Yokohama, 3,440 miles; to Hong Kong, 4,893 miles. The group was named by Capt. Cook, their discoverer, Sandwich Islands, in honor of the Earl of Sandwich, first lord of the British admiralty at the time of their discovery, but the natives called them the Hawaiian islands and that term is now officially recognized. The eight principal islands are Hawaii, Maui, Oahu, Kauai, Lanai, Kahulaui, Molokai, and Niihau. They are mountainous and volcanic. The total area of the group is 6,449 square miles, of which 4,000 is the island of Hawaii.

The islands are of volcanic origin, and Hawaii has two of the largest active volcanoes in the world, Mauna Lao and Kilauea. The islands are very mountainous and one of the peaks goes to 13,800 feet. The climate has few variations and the soil is fertile. There are some 775,000 acres of national forest reserves on the island.

There are several lines of steamers connecting Hawaii with the United States, Canada, the Philippines, Australia, and Japan and China. About 490 vessels, of almost 1,400,000 tons, entered and cleared from Hawaiian ports in the last year for which figures are available. Honolulu harbor accomodates the largest vessels and several of the other islands have also good harbors. Small steamers ply between the various islands. Five of the islands have telephones and Honolulu is lighted by electricity and has electric street-cars. There are almost 1,000 miles of railroads on the islands, most of which are plantation railroads. Hawaii is connected by cable and by wireless telegraph with both shores of the Pacific.

History.—During the greater part of the nineteenth century the islands formed an independent kingdom. Jan. 17, 1893, Queen Liliuokalani was deposed and a provisional government was formed, with Sanford B. Dole at the head; and annexation to the United States asked. A treaty of annexation was concluded with President Harrison, but before it could be ratified by the Senate President Cleveland was inaugurated; he at once withdrew it and sent James H. Blount as special commissioner to investigate the affairs of the islands. The restoration of the Queen was attempted, but failed, mainly because she refused to grant an amnesty. On July 4, 1894, a Republic was proclaimed with Mr. Dole as its president. During President McKinley's first term, another treaty of annexation was sent to the Senate, but, pending its consideration, a joint resolution passed Congress annexing the islands. The resolution was approved on July 7, 1898, and the formal annexation occurred on Aug. 12 of the same year. The islands were constituted the Territory of Hawaii in June, 1900, and by act of April 30 of the same year citizenship of the United States was bestowed on all citizens of the former Republic of Hawaii; territorial franchise has been given to those who had been resident in the territory for one year, provided they were able to read and write the English or Hawaiian language. The government rests in a legislature of two houses—a senate of fifteen members (elected for four years) and a house of representatives of thirty members (elected for two years). The governor and secretary are appointed for four years by the President of the United States. The territory is represented in the United States House of Representatives by a delegate elected biennially.

The judges of the supreme, circuit and district courts are appointed by the President of the United States, the judicial system of Hawaii being a part of the United States judicial system. The district magistrates are appointed by the Governor of Hawaii.

The first United States census of the islands was taken in 1900 with the following result: Hawaii Island, 46,843; Kauai Island, 20,562; Niihau Island, 172; Maui Island, 25,416; Molokai Island and Lanai Island, 2,504; Oahu Island, 58,504. Total of the Territory, 154,001. The population of the city of Honolulu was 39,306. The population of Hawaii according to the 1910 census, made by the United States Census Bureau, was 191,909, Honolulu City having a population of 52,183. The latest estimate of the population is 250,000, with 75,000 for Honolulu. Among the races represented in this number are 22,850 Hawaiians, 16,100 part Hawaiians, 22,250 Chinese, 107,000 Japanese, 24,250 Portuguese, 20,000 Filipinos.

Most of the natives are now Christians. Latest figures show 168 public schools with 967 teachers and more than 34,000 pupils. There were also some 8,000 pupils in private schools. English is the language of public instruction.

Finance.—The budget is usually in the neighborhood of $8,000,000 annually. Latest figures show the bonded debt as $8,749,-

000, and the assessed value of the property as $235,651,000.

Production and Commerce.—The chief source of wealth of the islands is sugar, although of late years the pineapple industry has become highly important. Coffee, honey, sisal, hides, bananas, rice, wool, tobacco, cotton and rubber are also exported. The latest figures for the annual export trade were as follows:—

Article	*Pounds*	*Value*
Sugar, raw	7,053,701,147	$62,076,956
Sugar, refined	27,227,446	2,033,011
Coffee	3,206,022	466,670
Fruits (a)		8,640,838
Miscellaneous		7,270,048
Total		$80,487,542

(a) Mostly pineapples.

For the same year, the value of the imports was $51,801,204. Practically all of the trade is with the United States, although a few of the imports come from Japan.

During the last calendar year, the United States imported from Hawaii goods valued at $98,353,015, and exported to Hawaii goods valued at $49,983,869.

The manufacturing exists mostly to supply domestic needs, outside of that connected with the exports. There are about 800 corporations in operation, with a capitalization of some $175,000,000.

There are illustrations of Hawaii opposite page 4819.

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Hay.—Hay has become one of the most valuable of all the crops of the United States. For the last year for which figures are available, there were 55,971,000 acres in the United States devoted to hay-raising. The crop amounted to 76,069,000 short tons, valued at $1,524,307,000. The average yield per acre was 1.36 short tons. That year represented the record year for extent of hay acreage, as well as for value of crop, but the greatest production, 91,192,000 short tons, was in 1916. The highest average yield per acre, 1.68 short tons, was in 1915.

The above figures should be read in the light of a hay acreage of 23,508,000 and a total production of 27,874,000 short tons in 1875 and an acreage of 39,133,000 in 1900, with a production of 50,111,111 short tons.

For the report year for which figures are given above, the greatest production of hay by states was as follows, in terms of short tons:—New York, 5,375,000; Illinois, 4,552,000; Iowa, 4,286,000; Pennsylvania, 4,272,000; and Ohio, 4,095,000.

The average yield per acre, in terms of short tons, over the last ten years, has been highest as follows:—Arizona, 3.36; Nevada, 2.90; Idaho, 2.84; Utah, 2.62. The lowest average yield per acre, in that period, has been as follows:—Missouri, 1.07; Virginia, 1.15; New Hampshire, 1.16; Maine, 1.17; South Carolina, 1.18; Kentucky, 1.20.

During the last ten years, the farm price per ton has averaged $13.14. It was $21.02 for the last five years. The highest farm prices in the last ten years have been in Rhode Island, Massachusetts, Connecticut and New Jersey; and lowest prices have been in South and North Dakota, Minnesota, Nebraska, Oklahoma and Idaho.

The hay crop of each state will be found under the headings of the several states.

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Hay-Pauncefote Treaty, terms of, 6828.
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Hayes, Rutherford B.—1877-1881.

Twenty-third Administration—Republican.

Vice-President—William A. Wheeler.

Secretary of State—
William M. Evarts.

Secretary of the Treasury—
John Sherman.

Secretary of War—
George W. McCrary.
Alexander Ramsey.

Secretary of the Navy—
Richard W. Thompson.
Nathan Goff, Jr.

Secretary of the Interior—
Carl Schurz.

Postmaster-General—
David McK. Key.
Horace Maynard.

Attorney-General—
Charles Devens.

Nomination.—Hayes was nominated by the Republican National Convention at Cincinnati, June 14-15, 1876, on the seventh ballot, after a most exciting contest with James G. Blaine.

Platform.—The Republican platform of 1876 pledged the party to the complete pacification of the South and the protection of its people; demanded specie payment; sought improvement in the civil service; recommended non-sectarian schools; advocated tariff for revenue and equalized protection; opposed grants of public lands to corporations and monopolies; advocated naturalization treaties with foreign powers; questioned the moral and material effect of Chinese immigration; sympathized with equal rights for women; denounced polygamy; renewed pledges to soldiers and sailors; deprecated sectional feeling; and severely criticised the Democratic party and its administrations.

Opposition.—The Democratic National Convention at St. Louis, June 27-29, 1876, nominated Samuel J. Tilden. The Greenback Convention at Indianapolis, May 17, 1876, nominated Peter Cooper, on a platform opposing specie payment. The Prohibition Convention at Cleveland, May 17, 1876, nominated Green Clay Smith. The American party nominated James B. Walker.

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT HAYES, 1877-1881.

(NOT INCLUDING TERRITORIES)

FLAG OF 1881

Popular Vote.—The popular vote of thirty-seven States on the election on Nov. 7, 1876, gave Tilden 4,284,757; Hayes, 4,033,950; Cooper, 81,740; and Green Clay Smith, 9,522. The popular vote in Florida and Louisiana was in dispute between the two parties; and Congress passed an act creating an Electoral Commission as a court of last resort to settle the dispute. By a vote of 8 to 7, the Commission decided in favor of Hayes and the electoral vote was declared on March 2, 1877, to stand 185 for Hayes and 184 for Tilden.

Party Affiliation.—In his early career, Hayes always voted with the Whig party, supporting Clay in 1844, Taylor in 1848, and Scott in 1852. From long-cherished anti-slavery feelings, he joined the Republican party on its organization and supported Frémont in 1856, and Lincoln in 1860. General Hayes was in the field when he was nominated for Congress in 1864 by a Republican convention at Cincinnati. To a friend who suggested that he take leave of absence to go home to canvass, General Hayes replied: "Your suggestion about getting a furlough to take the stump was certainly made without reflection. An officer fit for duty who at this crisis would abandon his post to electioneer for a seat in Congress ought to be scalped." In Congress he voted with his party on reconstruction, voted against repudiation, voted for the impeachment of President Johnson; advocated Civil Service reform. In his career as three times Governor of his State, he strongly advocated the honest money system. In his letter of acceptance, General Hayes laid especial stress upon civil service reform, the currency, and pacification of the South.

Political Complexion of Congress.—In the Forty-fifth Congress (1877-1879) the Senate, of 76 members, was composed of 36 Democrats, 39 Republicans, and 1 Independent, and the House, of 293 members, was made up of 156 Democrats and 137 Republicans. In the Forty-sixth Congress (1879-1881) the Senate, of 76 members, was composed of 43 Democrats and 33 Republicans; and the House, of 293 members, was made up of 150 Democrats, 128 Republicans, 14 Nationals, and 1 vacancy.

Civil Service.—In his letter of acceptance, General Hayes said "that public officers should owe their whole service to the Government and to the people," and that "the officer should be secure in his tenure so long as his personal character remained untarnished, and the performance of his duties satisfactory." In his Inaugural Address (page 4396) he asked for "a reform that shall be thorough, radical, and complete." He points out that reform was advocated by both great political parties prior to the election, a demonstration of its necessity. In his First Annual Address (page 4418) he says: "I have endeavored to reduce the number of changes in subordinate places usually made upon change of the general administration, and shall most heartily cooperate with Congress in the better systematizing of such methods and rules of admission to the public service and of promotion within it as may promise to be most successful in making thorough competency, efficiency, and character the decisive tests in these matters." The recommendations of the President were not acted upon by Congress and no appropriation was made for the Civil Service Commission. Republican senators and congressmen were dissatisfied with the efforts of the President in this direction and great opposition was experienced.

Finances.—The President favored the coinage of silver but only in moderate quantity. In his Third Annual Message (page 4511) he said: "I would, however, strongly urge upon Congress the importance of authorizing the Secretary of the Treasury to suspend the coinage of silver dollars upon the present legal ratio. The market value of the silver dollar being uniformly and largely less than the market value of the gold dollar, it is obviously impracticable to maintain them at par with each other if both are coined without limit." In his Fourth Annual Message (page 4568) the President said: "It is obvious that the legislation of the last Congress in regard to silver, so far as it was based on an anticipated rise in the value of silver as a result of that legislation, has failed to produce the effect then predicted. The longer the law remains in force, requiring as it does the coinage of a nominal dollar which in reality is not a dollar, the greater becomes the danger that this country will be forced to accept a single metal as the sole legal standard of value in circulation, and this a standard of less value than it purports to be worth in the recognized money of the world." He urges that the coinage of silver dollars containing only 412½ grains of silver be stopped and that silver dollars be made the equivalent of gold.

Public Debt.—The public debt of the United States during the administration of President Hayes stood as follows: July 1, 1877, $2,019,275,431.37; 1878, $1,999,382,280.45; 1879, $1,996,414,905.03; 1880, $1,919,326,747.75.

In his First Annual Message (page 4415) the President advocated the refunding of the public debt so as to reduce the interest by one-third and the repayment of the debt in gold. He said: "During the time of these issues the only dollar that could be or was received by the Government in exchange for these bonds was the gold dollar. To require the public creditors to take in repayment any dollar of less commercial value would be regarded by them as a repudiation of the full obligation assumed. It is far better to pay these bonds in that coin than to seem to take advantage of the unforeseen fall in silver bullion to pay in a new issue of silver coin thus made so much less valuable. It was the great merit," he said, "of the act of March, 1869, in strengthening the public credit, that it removed all doubt as to the purpose of the United States to pay their bonded debt in coin."

Hayes, Rutherford B.:

Annual messages of, 4410, 4444, 4509, 4553.
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Bland-Allison Act—
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Vetoed by, 4438.
Civil service discussed by, 4396, 4417, 4501, 4502, 4507, 4513, 4555. (See also Civil Service.)
Constitutional amendment regarding election of President recommended by, 4397.
Cuban insurrection and policy of United States regarding, discussed by, 4438, 4448.

Death of, announced and honors to be paid memory of, 5818.
Election of, discussed by, 4398.
Finances discussed by, 4397, 4413, 4422, 4450, 4509, 4523, 4566.
Foreign policy discussed by, 4418, 4420.
Inaugural address of, 4394.
Portrait of, 4390.
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For support of Army, etc., 4475.
To pay fees of marshals, etc., 4497.
To supply deficiencies, etc., 4543.
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Military interference at elections, 4484.
Mississippi courts, 4440.
Refunding national debt, 4589.
Regulations of pay and appointments of deputy marshals, 4544.
Relief of Joseph B. Collins, 4496.
Restricting Chinese immigration, 4466.

Haymarket Riot.—A riot which took place at Haymarket Square, Chicago, May 4, 1886, involving the police and a number of anarchists. An open-air meeting, in which certain labor troubles were under discussion, was in progress The police attempted to break up the meeting because of the inflammatory utterances of some of the speakers. In the fight which ensued a bomb was thrown and 7 policemen were killed and 60 wounded. Albert R. Parsons, August Spies, Adolph Fischer, George Engel, Michael Schwab, Louis Lingg, Samuel Fielden and Oscar W. Neebe, prominent anarchists, were arrested and tried for complicity in the outrage.

The case attracted universal attention and resulted in the hanging of the first four Nov. 11, 1887. Lingg escaped the gallows by committing suicide in prison. Fielden and Schwab were sentenced to imprisonment for life and Neebe for 15 years. They were pardoned by Governor Altgeld in 1893.

(See illustration opposite 4973.)

Hayti. (See Haiti.)

Haytien Republic, The, seizure and delivery of, referred to, 5390.

Health, Board of. (See National Board of Health.)

Health, Bureau of:
Conflict of rival schools regarding, deprecated, 7543.
Formation of, recommended, 7438, 7543.
Legislation to strengthen, 7104.

Health Insurance.—The movement to insure workmen against ill-health by governmental, as distinct from purely private or voluntary means. Some idea of the importance of the evil with which health insurance aims to deal may be gained from the data uncovered by various state commissions in the United States appointed to investigate health insurance. They found that about 20% of all workers are ill during the year and that the average duration of illness is 35 days. These figures are tantamount to saying that at any one time in the United States some 2½% of the workers are idle because of ill-health and that each average worker loses about 8½ days a year through that cause. Only about one-third of the workers of the land were found to be insured through their own voluntary efforts or through the benefits of trade unions against lack of earnings because of ill-health, and this third represented the better-paid workmen—the lower-paid, on whom temporary unemployment would fall the most severely, being largely unprotected. Indeed, the statistics of charity organizations show that ill-health is the greatest single cause of dependency.

The first system of insurance against the distress incident upon illness was put into effect by Germany in 1883. It is the system after which most of the systems of other countries are patterned. In 1914, the system was broadened to include domestic workers, although this extension was postponed until after the War. Before 1914, insurance was not compulsory for those earning more than $500 a year. The organization of the system is left to different kinds of local organizations. Two-thirds of the funds for this purpose are contributed by the workers and one-third by the employer.

The minimum insurance is for free medical service and medicines for 26 weeks of illness, with a pension of one-half the wage of ordinary unskilled labor in the locality in which the insurance is being paid. There is also a minimum pension to women for six weeks surrounding child-birth; and a minimum funeral benefit of twenty times the average daily wage.

The extent to which amounts greater than the minimum may be paid is left to the individual organizations. Some of these pay a year's benefit of three-fourths of the wage, others pay a stated sum to dependants, others give hospital treatment for a year, others give larger funeral benefits, and so forth. However, the amount contributed must not exceed 6% of the wages, the average being 3½%. Each local organization must have at least 100 members.

The executive committee managing the health insurance of the various organizations is composed of two representatives of the workingmen for one of the employer. In case of permanent illness or disability the workman passes under the supervision of the Invalidity Insurance Law.

In 1905, there were some 12,000,000 persons insured against illness in the German Empire. 256,000,000 marks was paid for pensions. The receipts during the same period were 340,000,000 marks, of which 16,000,000 marks was paid for administration purposes. In 1911, more than 20% of the total population of Germany were protected by the Governmental health insurance.

The system of effecting health insurance by government subsidies to private bodies was first utilized by Sweden, in 1891. That method is now followed by France, Belgium, Denmark and Iceland, and Switzerland.

In 1911, Great Britain adopted a system of health insurance which operated through both Governmental channels and the processes of friendly societies. Workmen contribute 4/9 of the benefit funds, employers 3/9 and the state 2/9. Working women contribute ⅜, the employer ⅜, and the state 2/8. All those earning less than $1,225 a year must take out insurance and by 1920 it was estimated that more than 30% of the total population of Great Britain fell under the provisions of the Health Insurance Act. In 1916, the receipts and expenditures were each about $100,0000,000. Medical care is provided as well as cash relief, the benefits being $2.50 weekly for men and $1.87 weekly for women, according to the latest figures available, although these amounts have probably been raised because of the high cost of living following the World War. Payment is through the affidavits of attending physicians and may not last more than 26 weeks in the year. There is an especial payment to women during confinement. Persons over 70 fall under the provisions of the Old Age Pensions Act, and those permanently disabled under the Permanent Disability Act.

Other countries pay a proportion of the wages before illness, which is 50% in Germany and 60% in Czecho-Slovakia. Most of the countries include child-birth as falling under the provisions of their health insurance laws, and some of them follow Great Britain in providing medical treatment as well as cash benefits. By 1920, Governmental health insurance was in effect in the following countries:—Germany, Austria-Hungary, Great Britain, Luxemburg, Norway, Servia, Russia, Roumania, Holland, Portugal, Czecho-Slovakia and Poland.

In the United States, no state had adopted a health insurance law by 1920, but there has been much agitation of the question in recent years and investigating commissions have been appointed by California, Massachusetts, New Jersey, Connecticut, Wisconsin, Ohio, Illinois, New York and Pennsylvania.

Health, Public:

Activities of, concentration of—
Accomplished, 8532.
Recommended, 7229.
Aid, federal, for state and city health boards urged, 7104.
Protection of, 7228. (See also Quarantine Regulations.)
Study of, neglected, 7870.

Health Service.—The United States Public Health Service is a bureau of the Treasury Department. The head of the bureau is granted the title of Surgeon-General. The work of the Service is administered, under direction of the Surgeon-General, by seven bureau divisions—Personnel and Accounts. Scientific Research, Foreign and Insular Quarantine, Domestic Quarantine, Sanitary Reports and Statistics, Marine Hospitals and Relief and Miscellaneous.

Appointments in the corps are made to the grade of Assistant Surgeon, after successful examination. Qualifications for examination are graduation from a reputable medical college, one year's hospital experience or two years' professional work after graduation, and testimonials from responsible persons as to professional and moral character. Applicants for examination must be between the ages of 23 and 32 years.

The Public Health Service maintains twenty marine hospitals and also 118 other relief stations throughout the country. Sixty-three quarantine stations in United States and thirty-nine insular and foreign stations also are operated, and eighty stations in the United States, its insular possessions and Canada for the medical inspection of immigrants. A number of officers also are stationed at American consulates abroad to assist in the administration of quarantine and the inspection of immigrants.

At the Hygienic Laboratory, located in the city of Washington, research work in connection with investigations of disease, sanitation and water pollution is carried on, and tests are made of the purity and potency of viruses, serums and toxins, with the supervision of the manufacture and sale of which the Public Health Service is charged by law.

The Public Health Service co-operates with state and local Boards of Health in the eradication of epidemic diseases, such as plague, cholera, yellow fever, typhus fever, smallpox and leprosy. Details of officers are also made, on request from state and municipal health authorities, to assist in the suppression of typhoid fever, infantile paralysis, cerebro-spinal meningitis, and other diseases. The Public Health Service has supervision of measures for the prevention of the spread of infectious and contagious diseases in interstate traffic; the administration of matters in relation to the Interstate Quarantine Regulations regarding the prevention of the use of the common towel and common drinking cup on vehicles or vessels operating in interstate traffic and the certification of water and ice furnished by common carriers for passengers in interstate traffic. Among the signal achievements of the Service in recent years in the field of public health work have been the eradication of bubonic plague in California and Porto Rico, and the suppression of yellow fever in the South.

During the war against Germany, the activities of the Public Health Service were naturally greatly expanded. It had charge of much of the medical care of the camps,

of the health regulations concerning the transportation of food to the camps, and especially with the treatment of venereal disease. In 1918 an act was approved which established a permanent bureau in the Health Service for the control of venereal disease.

In the last fiscal year, more than 93,000 patients were treated by the Health Service. The corps consisted of the surgeon general, the assistant surgeon general, 16 senior surgeons, 70 surgeons, 60 passed assistant surgeons, 70 assistant surgeons, and 701 acting assistant surgeons. There were 526 commissioned in the reserve, of whom 222 were on active status. There were also 79 Coast Guard attending physicians, 26 collaborating epidemiologists, 47 pharmacists, 445 sanitary engineers and other scientific employees and 2,778 attendants.

During the last fiscal year, the quarantine service in the United States inspected 16,934 vessels and 1,252,959 passengers and crew, and fumigated 3,561 vessels. Of the patients treated, 38,555 were treated in hospitals a total of 757,018 days and 55,364 patients were treated at dispensaries a total of 104,763 times. 339,375 immigrants and 586,859 alien seamen were given medical inspection, the total number rejected being 20,420, of whom 12,932 were passengers. More than 41,000 physical examinations were given to applicants for governmental positions. More than two hundred clinics for venereal diseases were operated, with 65,000 persons receiving 527,000 treatments. Almost 1,000,000 bulletins were sent to state boards of health for distribution and more than 60,000 physicians and 28,000 druggists agreed to follow the orders of the Service regarding venereal disease treatment.

The Health Service also has charge of the lepers in the United States, estimated at almost 6,000, mostly in the Philippines and Hawaii. On February 3, 1917, a bill was signed by the President authorizing the construction of a national home for lepers.

Health Service, Public:

Deadman's Island transferred to, 7979.

Lands reserved for, in Porto Rico, 6708.

Helderberg War.—Demonstrations made at various times between 1839 and 1845, by the Anti-Renters of Albany, Rensselaer, Columbia, Greene, Delaware, Schoharie, and Otsego counties, N. Y., and the efforts of the State government to suppress them. Large tracts of land in these counties had been granted by the Government of Holland to the early Dutch settlers or patroons. The patroons sublet the land in perpetuity to tenants who agreed to pay the rent in produce. On the death of Stephen Van Rensselaer in 1839 his tenants, who had long been dissatisfied, refused to pay his successor the rent. Men disguised as Indians terrorized the region. A sheriff and posse who attempted to collect the rents were outnumbered and their efforts proved futile. In 1844 there was again armed opposition to the payment of rent. In 1845 an officer named Steele was shot while trying to collect rent in Delaware County. Governor Wright proclaimed the county in a state of insurrection. Two persons were convicted and sentenced to death for this murder, but they were afterward pardoned. The court of appeals in 1852 rendered a decision which in the main sustained the tenants and practically ended the movement.

Helena (Ark.), Assault on.—To strengthen the army before Vicksburg, Grant had withdrawn troops from all the neighboring posts. Helena, Ark., was left in charge of 3,800 men under Gen. B. M. Prentiss. June 26 the Confederate Generals T. H. Holmes and Sterling Price left Little Rock with about 8,000 men to surprise and capture the place. July 4, 1863, the day Vicksburg surrendered, they made an assault on one of the batteries with 3,000 men. They were repulsed with a loss of 1,111 men. Four regiments then attacked a fort on Hindman Hill, but were defeated. A third assault was made by Marmaduke, with 1,750 men, upon a fort on the north side of the place, but was likewise repulsed with a loss of one-fifth of the assailants. The Confederate loss was officially reported as 173 killed, 687 wounded, and 776 missing—in all, 1,636. The Federal loss did not exceed 250 in all.

Hemp, Russian, import duties on, referred to, 3990.

"Henning's Statutes at Large."—A collection of Virginia laws before the Revolution, suggested by Jefferson, who did the larger part of the work.

Henrick, The, indemnification for loss of claimed, 344, 365, 634.

Henry Crosby, The, fired upon at Azua, Santo Domingo, 6095.

Henry Documents.—Sir James H. Craig, the Governor of British North America, in January, 1809, sent an adventurer, John Henry by name, into the New England States to report the feeling of that section of the country on the question of secession from the Union, and possibly to increase the discontent already caused among these people of commercial interests by the Embargo Act and the Non-Intercourse system of the government. Failing of the reward he sought from the British ministry, Henry sold to President Madison for $50,000 his correspondence with the English officials, and these papers became known as the Henry documents. Madison submitted the letters to Congress and claimed that they proved a design on the part of England to annex the New England States. The evidence of the documents was not conclusive.

Hepburn Law, money needed to enforce, 7190.

Hepburn vs. Griswold.—One of the Supreme Court cases involving the constitutionality of the issue of United States legal-tender notes. June 20, 1860, Mrs. Hepburn proposed to pay Mr. Griswold $11,250 on Feb. 20, 1862. At the time gold and silver only were legal tender. Feb. 25, 1862, the United States issued $150,000,000 of its own notes, to be received as lawful money in payment of all debts, public and private, within the United States. This was five days after the note became due. Mrs. Hepburn in March, 1864, after suit had been brought, tendered these notes in payment, and they were refused. The notes were then tendered and paid into court in Louisville, Ky. The Louisville court of chancery declared the debt absolved. The Kentucky court of errors and appeals reversed the chancellor's judgment, and the United States Supreme Court at the December term, 1867, affirmed the judgment of the court of errors and appeals. This ruling was afterwards reversed. (See Juilliard *vs.*

Greenman.) Chief Justice Chase, in delivering the opinion of the court, said: "We can not doubt that a law not made in pursuance of an express power, which necessarily and in its direct operation impairs the obligation of contracts, is inconsistent with the spirit of the Constitution." "We are obliged to conclude," he continued, "that an act making mere promises to pay dollars in legal tender in payment of debts previously contracted * * * is inconsistent with the spirit of the Constitution, and that it is prohibited by the Constitution." Justices Miller, Swayne, and Davis dissented.

Hermitage, The.—The name given by Andrew Jackson to his home, situated about 10 miles from Nashville, Tenn., near the Cumberland River. At this place President Jackson died and is buried. The premises and a portion of his farm have become the property of the State of Tennessee and have been converted into a state home for aged, indigent or disabled ex-Confederate soldiers.

Hermitage, The, tendered to United States, 2954.
Appropriations for keeping in repair, asked, 7104.

Hero, The, seizure of, and claims arising out of, 4114, 5198, 5547, 5673, 5873, 5962.
Award in case, 6070.

Hesse, convention with, 2169, 2210.

Hesse-Cassel:
Convention with, 2297.
Treaty of, with France, 185.

Hesse, Electorate of, exequatur issued consuls of, revoked, 3709.

Hiatt & Co., relief of, draft of bill for, transmitted, 5119.

Hickey Plot.—A conspiracy headed by Thomas Hickey, one of Washington's Life Guards, to assassinate the general at New York in 1776. The plot was discovered. Hickey was hanged in June, 1776, and David Matthews, mayor of New York, was imprisoned for his connection with the affair; Governor Tryon was also suspected of complicity.

Highlander, The, watch to be presented to commander of, by British privy council for services rendered, 3400.

Highways. (See Transcontinental Highways.)

Historians, value of opinions of, 7997.

Hobkirks Hill (S. C.), Battle of.—April 25, 1781, Lord Rawdon, with about 950 British, made a sudden attack on the Americans under Greene at Hobkirks Hill, two miles north of Camden, S. C. The American force consisted of 1,446 men. Greene was defeated, but both armies withdrew from the field. The British lost 258 in killed, wounded and missing. The total casualties on the American side were 271.

Hockaday & Leggit, act for relief of, vetoed, 3201.

Holding Companies should be prohibited, 7917.

Holidays, Legal.—There is no national holiday, not even the Fourth of July. Congress has at various times appointed special holidays. In the second session of the Fifty-third Congress it passed an act making Labor Day a public holiday in the District of Columbia, and it has recognized the existence of certain days as holidays for commercial purposes, but, with the exception named, there is no general statute on the subject. The proclamation of the president designating a day of Thanksgiving only makes it a legal holiday in the District of Columbia and the territories.

Every Saturday after 12 o'clock noon is a legal holiday in California in public offices, Illinois (in cities of 200,000 or more inhabitants), Maryland, Michigan, New York, New Jersey, Ohio, Pennsylvania, Rhode Island, Virginia, the District of Columbia (for banking purposes), and in New Orleans, La., and Charleston, S. C.; in Louisiana in all cities exceeding 10,000 inhabitants; in Missouri in cities of 100,000 or more inhabitants; in Tennessee, for state and county officers, and in Colorado during June, July and August; in Indiana, first Saturday in June to last Saturday in October, inclusive, for all public offices in counties having a county-seat of 100,000 population or more; in New Hampshire in state offices.

There are no statutory holidays in Mississippi, but by common consent the Fourth of July, Thanksgiving and Christmas are observed. In New Mexico, Washington's Birthday, Decoration Day, Labor Day, Flag Day (June 14) and Arbor Day are holidays when so designated by the Governor. In South Carolina, Thursday of Fair Week is a legal holiday.

Arbor Day (*q. v.*) is a legal holiday in many states, although in some it is observed as designated by the Governor.

Jan. 1st, New Year's Day.—In all states (including District of Columbia, Porto Rico and Alaska), except Arkansas and Massachusetts. (In Maine a bank holiday only legally.)

Jan. 8th, Anniversary of the Battle of New Orleans.—In Louisiana.

Jan. 19th, Lee's Birthday.—In Florida, Georgia, North Carolina, South Carolina, Virginia, Alabama, Mississippi and Arkansas.

Mardi-Gras.—In the parish of Orleans, Louisiana.

Feb. 12th, Georgia Day.—In Georgia.

Feb. 12th, Lincoln's Birthday.—In California, Colorado, Connecticut, Delaware, Illinois, Iowa, Indiana, Kansas, Michigan, Minnesota, Montana, Nevada, New Jersey, New York, North Dakota, Oregon, Pennsylvania, South Dakota, Utah, Washington, West Virginia, Wyoming, Georgia, Mississippi, Nebraska, Alaska and New Mexico.

February 14, Admission Day—In Arizona.

Feb. 22d, Washington's Birthday.—In all the states, District of Columbia, Porto Rico and Alaska.

Mardi-Gras Day, Shrove Tuesday.—In Alabama and Florida (in counties having a carnival).

March, First Wednesday prior to Spring election at which Circuit Judges are elected and in counties and cities where offices are filled at Spring election in Michigan.

March (Third Tuesday), Primary Election Day.—(Every Presidential year) in North Dakota.

March 2d, Anniversary of Texan Independence.—In Texas.

March 4th, Inauguration Day.—In District of Columbia in years when a President of the United States is inaugurated.

March 22d, Emancipation Day.—In Porto Rico.

March 25, Maryland Day—In Maryland.

March 30, Seward's Day.—In Alaska, to commemorate the signing of the treaty of cession to the United States.

April (First Monday in 1918 and every four years thereafter), Presidential Primary.—In Michigan.

Good Friday—In Alabama, Connecticut, Delaware, Florida, Louisiana, Maryland, Minnesota, New Jersey, Pennsylvania, Porto Rico, Tennessee.

April 12th, Halifax Independence Resolutions.—In North Carolina.

April 13th, Thomas Jefferson's Birthday. —In Alabama.

April 19th, Patriots' Day.—In Maine and Massachusetts.

April 21st, Anniversary of the Battle of San Jacinto.—In Texas.

April 26th, Confederate Memorial Day.— In Alabama, Florida, Georgia and Mississippi.

May 10th, Confederate Memorial Day.— In North Carolina and South Carolina.

May 10, Mothers' Day—In New Mexico.

May 12, Peace Day—In New Mexico.

May (Second Friday), Confederate Day.— In Tennessee.

May 20th, Anniversary of the Signing of the Mecklenburg Declaration of Independence.—In North Carolina.

May 30th, Decoration Day.— In all the states (and District of Columbia, Porto Rico and Alaska) except Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina and Texas.

June 3d, Jefferson Davis's Birthday.—In Florida, Georgia, Alabama, Mississippi, Texas, Arkansas, South Carolina, Tennessee. In Louisiana, called Confederate Memorial Day. In Virginia, in public schools.

June 11th, Kamehameha Day.—In Hawaii.

June 15th, Pioneer Day.—In Idaho.

June (Last Wednesday), Primary Election Day.—In North Dakota.

July 4th, Independence Day.—In all the states, and District of Columbia, Porto Rico and Alaska.

July 10th, Admission Day.—In Wyoming.

July 17, (Birthday Rivera, native patriot and statesman).—In Porto Rico.

July 24th, Pioneers' Day.—In Utah.

July 25th, Landing of American Troops. —Porto Rico.

July (Fourth Saturday), Primary Election Day.—In Texas.

August, Primary Election Day.—In Missouri. In Michigan (last Tuesday in August preceding every general November election).

Aug. 1st, Colorado Day.—In Colorado.

Aug. 16th, Bennington Battle Day.— In Vermont.

August 20-21, Good Roads Day—In Missouri.

September, First Monday, Labor Day.— In all states, except New Mexico and District of Columbia.

Sept., Primary Election Day.—In Wisconsin, First Tuesday. In Oregon, even years.

Sept. (Third Saturday), Regatta Day.— In Territory of Hawaii.

Sept. 9th, Admission Day.—In California.

Sept. 12th, "Old Defenders' Day."—In Baltimore, Md.

Sept. (Second Monday), Election Day.— In Arkansas, Maine.

October 7, Missouri Day.—In Missouri.

Oct. 12th, Columbus Day.—In Alabama, Arkansas, California, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, Rhode Island, Vermont, Washington.

October 13, Farmers' Day.—In Florida.

Oct. 18th, Alaska Day.—In Alaska.

October 26, Fraternal Day.—In Alabama.

Oct. 31st, Admission Day.—In Nevada.

Nov. 1st, All Saints' Day.—In Louisiana.

November 1, Fire Day.—In Nebraska.

Nov. (first Friday), Pioneer Day.—In Montana, observed in public schools.

November General Election—The First Tuesday after the first Monday. In Alabama, Alaska, Arizona, California, Colorado, Delaware, Florida, Idaho, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Michigan, Minnesota, Missouri, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio (from 5.30 A. M. to 9 A. M. only), Oklahoma, Oregon, Pennsylvania, Rhode Island (biennially in even years), South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, West Virginia, Wisconsin and Wyoming, in the years when elections are held therein.

November (Last Thursday), Thanksgiving Day.—Observed in all states and territories.

Dec. 25th, Christmas Day.—In all the states and District of Columbia, Porto Rico and Alaska.

Holland. (See Netherlands.)

Holland Company, treaty of, with Seneca Indians, 335.

Holland Patent.—A grant of land made in 1686 by Governor Dongan, of New York, to 6 Dutch patentees. The land was situated in what is now Orange County, N. Y., and was to be held in free and common socage of King James II.

Holstein-Slesvig War, neutrality of United States in, discussed, 2548.

Holston, Treaty of, referred to, 118.

Home Department.—A name given for a time to the office of Foreign Affairs (see Foreign Affairs, Sec. of) which afterward developed into the State Department. The term Home Department was also given for a time to the Interior Department (q. v.).

Home Rule for Ireland. (See Irish Independence.)

Home Squadron, proposed extension of duties of, referred to, 2129.

Homestead-Exemption Laws. — Legislation enacted by most of the states to secure a home and shelter for a family or individual by exempting, under certain conditions, the residence occupied by the family or individual from liability to be sold for the debts of its owner and by restricting his right of free alienation. The purpose of the homestead-exemption laws are to protect the family, secure to it a home, and to provide against its members being deprived thereof by misfortune, improvidence, or incapacity of the head of the family. These laws exist in nearly all the states, varying in their terms and limitations. In 15 states homestead-exemption is part of the constitution.

Homestead Law.—A law enacted by Congress May 20, 1862. It provided that any citizen might, upon payment of the nominal fee of $5 or $10, enter upon and hold any unappropriated quarter section of the public lands valued at $1.25 per acre or any one-eighth section valued at $2.50 per acre, and after 5 years' residence become the sole owner. This measure proved of great value in settling the lands of the West.

Homestead Lands. (See Lands, Homestead.)

Homestead Laws (see also Lands, Public, opened to settlement):

Act—

Granting Indians privileges of, recommended, 4428, 4528.

In relation to proof required in homestead entries vetoed, 4383.

To secure homesteads to settlers on public domain vetoed, 3139.

Amendment of, recommended, 5107.

Bill to allow Indian homestead entries referred to, 4783.

Confirmation of entries in Michigan referred to, 4665.

Discussed, 3560, 3651, 5484.

Working of, in the West, 6725.

Home-builders, public lands for, 6725, 6800.

Honduras.—Honduras is the middle state of Central America, between 13° 10′-16° N. lat. and 83° 10′-88° 40′ W. long., bounded on the south by Salvador, on the east by Nicaragua, and on the west by Guatemala.

Physical Features and Climate.—Close to the southern boundary an eastern arm of the Sierra Madre traverses the republic from west to east with heights of 10,000 feet, and along the Atlantic coast the Sierra de Pija rises to a considerable height. The rest of the country is generally mountainous, with intervening plains, of which the plains of Comayagua and Plancho are the most considerable. The largest rivers on the Atlantic side are the Ulua, the Chamelecon, the Roman, the Negro, and the Aguan. Into the Pacific flow the Goascoran, the Nacome and the Choluteca. The wet season lasts from May to November and the climate of the lowlands of the Atlantic coast is oppressive, but the elevated plateaus of the interior are salubrious and temperate.

History.—Christopher Columbus landed at Cape Honduras in 1502, and in 1524 the country was settled by the Spaniards. In 1525 Hernando Cortes founded the city of Puerto Cortes, and from 1539 to 1821 the country formed part of the Captaincy-General or Guatemala. The republic was part of the Confederation of Central America from 1821 to 1839, but since that date has been independent. Politically the country is divided into seventeen departments.

Government.—The Constitution rests upon a charter proclaimed in October, 1894, and re-invoked in September, 1907. The Government is that of a centralized republic, with a President elected for 4 years by the direct vote of all male subjects of 21 years (or married citizens of 18 who can read and write.) The President is eligible to only two terms.

The President is aided by five Secretaries of State.

Congress consists of one house of 42 deputies, elected for 4 years by universal adult male suffrage.

The Supreme Court at the capital consists of five judges elected by the people, and there are four Courts of Appeal.

Army and Navy.—Service in the Army is universal and compulsory between the ages of 21 and 35, with a further liability of 5 years in the Reserve. The permanent force is limited to about 2,000 of all ranks, the effective war strength exceeding 75,000.

The Navy consists of the armed cutter General Barahona.

Area and Ethnography.—The area of the republic is given as 44,285 square miles, with a population of 553,500 as ascertained by the latest census. The inhabitants are mostly Indians with Spanish admixture. The aboriginal Indians include Xicagues and Poyas in the eastern districts and Caribs in the coastal regions of the north and in the Bay Islands, where they were transported from the British Island of St. Vincent at the end of the eighteenth century. The most numerous element is the Spanish-speaking half-caste or mestizo, while in the Mosquitia district are the mixed Indian-negroes, known as Sambos.

There is no state religion, but most of the people are Roman Catholics. Latest figures showed 925 schools, of which 584 were public. The total number of teachers was more than 1,000 and there were some 40,000 pupils.

Education.—Primary education is free, secular and compulsory, and there are schools in every centre. Ability to read and write is the qualification for the franchise. There are Government secondary schools and training colleges in each department, a school of jurisprudence at Comayagua, and a central institute and university at the capital.

Finance.—The expenditures keep nearly even pace with the revenues, which average about $2,250,000 annually. The foreign debt amounts to about $25,000,000. No interest has been paid on it since 1872, the arrears of interest amounting to more than $100,000,000 in 1920. There is an internal debt of some 3,400,000 silver Honduran dollars. The standard of currency is the silver peso or dollar, equal to about $.40 in United States money.

Production and Industry.—The chief crop is bananas, although cocoanuts are also grown. Most of the crops are raised along the Atlantic Coast. The production of rubber is decreasing, but the production of coffee is increasing. There is also some cultivation of tobacco, about 1,725,000 pounds being raised annually. Latest fig-

ures place the annual corn production at 165,000,000 pounds, the beans at 18,700,000 pounds, the maicillo or Kaffir corn at 40,800,000 pounds, the coffee at 6,700,000 pounds and the bananas at more than 6,000,000 bunches. The growth of henequen and the castor-oil plant is also being encouraged.

Honduras is a country devoted largely to cattle-raising. Latest figures show 490,000 head of cattle, 68,000 horses, 25,000 mules, 180,000 pigs and 23,000 goats. About 150,000 acres are devoted to pasture.

The mineral resources are varied. Gold, bar silver, copper and lead and various ores are exported. There are also some deposits of coal, but there is little capital available for the exploitation of these and of the other mineral deposits. The only important manufactures are straw hats and tobacco.

Latest figures show imports of $6,000,000 and exports of $5,000,000 annually. Practically all of the trade is with the United States. The chief exports are bananas, cocoanuts, coffee, hides, rubber, cattle, mahogany, corozo and sugar.

There are about 100 miles of railroad in operation and 360 miles in contemplation, all used chiefly for moving the banana crop.

Most of the travel is by means of mules and ox-carts. There are 280 post-offices, 260 telegraph offices and 4,500 miles of telegraph line.

The capital is Tegucigalpa, with a population of about 30,000. The chief ports are Amapala on the Pacific and Porto Cortes on the Atlantic.

Honduras:
American bankers fund debt of, and finance railways in, 7500.
Diplomatic relations with, discussed, 5468.
Financial assistance to, by United States, 7500.
Fugitive criminals, convention with, for surrender of, 4161, 4210.
Guatemala and Salvador, war with, 7061.
Imprisonment of American citizens by, 5825.
Postal convention with, 5377.
Refusal of, to receive American commercial agent, 2917.
Report of Thomas C. Reynolds on condition and commerce of, transmitted, 5116.
Ruatan Island, convention of, with Great Britain regarding, 2955.
Salvador and Guatemala, war with, 7061.
Tariff laws of, evidence of modifications of, proclaimed, 5714.
Discussed, 5747.
Treaty of, with Great Britain referred to, 3170.
Treaty with, transmitted and discussed, 3116, 3458, 4161, 4210.
Proposed, 7663.
Regarding Honduras Interoceanic Railway, 3116.
Vessels of United States—
Fired upon by authorities of, and disavowal of act by, discussed, 5869.
Seized and used by insurgents in, questions regarding, 5869.

Honduras, Treaties with.—A treaty of friendship, commerce, and navigation of 1864 provides for freedom of commerce, except in the coasting trade, with the customary immunity from higher, other, or discriminating duties, charges, or restrictions. The importation and exportation of goods is conducted upon equal terms by vessels of either nationality. Citizens are protected in all conditions, and under all circumstances have the same rights and privileges as those of the dominions of each of the parties at home. In case of death of a citizen of one country residing in the other the administration of his estate and the protection of his property may be conducted by consular authorities. Privileges in the use of the Honduras Interoceanic Railway are accorded to the United States by this treaty.

A naturalization treaty was signed in June, 1908, and an extradition convention in 1909. Honduras also became a party to the convention between the United States and the several republics of South and Central America for the arbitration of pecuniary claim and the protection of inventions, etc., which was signed in Buenos Aires in 1910 and proclaimed in Washington, July 29, 1914. (See South and Central America, Treaties with.)

"Honest Abe."—A nickname given to Abraham Lincoln.

Hongkong.—A British crown colony at the mouth of the Canton River in China. It was ceded by China in 1841, and its charter bears date of 1843. It is the centre of the British trade in the Far East and is a military and naval station of the first importance. It is administered by a Governor appointed by the Crown, assisted by an Executive Council and a Legislative Council.

Hongkong is an island of irregular shape, about eleven miles from east to west, with a breath of from 2 to 5 miles, and with a total area of some 32 square miles. The opposite peninsula of Kowloon (about 3 square miles) was ceded by China in 1861 and is now a part of Hongkong. In 1898, China leased to Great Britain about 355 square miles of adjacent territory. The total area is thus about 390 square miles. Latest figures give the total civil population as 535,000, of which 13,500 were non-Chinese. The main city is Victoria.

There are three schools for British children, with an attendance of 153; Queen's College for Chinese boys (550); about 45 other aided schools, largely denominational, with an average attendance of more than 3,500; and about 400 unaided schools with an attendance of more than 16,000. There are some 425 pupils in the Government Technical Institute and almosts 200 in the Hongkong University, which has faculties of arts, engineering and medicine, with British professors and lecturers.

The chief industries are cotton-spinning, sugar-refining, ship-building and -repairing, rope-making, brewing, cement manufacture,

knit-goods and deep-sea fishing. Hongkong is a free port and there are no official trade returns. About half of the trade is with Great Britain, the remainder going largely to India, Australia and the United States. In a recent year, some 24,000 vessels of more than 10,000,000 tons entered and cleared from Hongkong ports. In the last year for which figures are available, the United States exported to Hongkong goods valued at $22,000,000 and imported thence goods valued at the same amount.

Hongkong, consulate at, referred to, 4534.

Honolulu Harbor, dredging needed for, 6921.

Hops.— The hop plant can be grown in many localities throughout the United States, but its growth has been concentrated in California, with some cultivation also in Oregon, Washington and New York. The latest figures showed that these four states had a combined acreage of 27,000 under hops, with a production of 20,193,000 pounds, and a total value of $3,958,000. The average yield per acre in California was 1,136 pounds; in Washington, 948; in Oregon, 350; and in New York, 330.

Before the World War, the hops production of the world was between 175,000,000 and 225,000,000 pounds annually. Figures for the world production in 1915 were as follows:—

Country	*Acreage*	*Pounds*
United States	44,700	52,986,000
Canada	1,164	1,208,450
Austria	41,043	20,479,000
Hungary	6,195	3,048,741
Belgium	6,140	7,560,000
France	5,471	4,909,000
Germany	58,654	32,106,251
Russia	.....	10,472,712
United Kingdom	34,744	28,516,208
Australasia	1,545	1,798,048
Total for World		163,084,410

The chief country to import hops was the United Kingdom; the chief countries to export hops were Austria-Hungary, Germany and the United States. The latter before the war exported about 15,000,000 pounds of hops and imported about 6,000,000 annually. Prohibition legislation has sharply lowered the hops production in the United States in recent years.

Hornet, The.—An American sloop of war carrying 18 guns, commanded by Capt. Lawrence during the War of 1812. Feb. 24, 1813, near the mouth of the Demerara River, she attacked the British brig *Peacock*, of 18 guns. The *Peacock* was soon in a sinking condition, and struck her colors. Before the wounded could be removed she went down, carrying with her 9 British and 3 American seamen. March 23, 1815, off the Cape of Good Hope, the *Hornet* captured and sunk the British brig *Penguin*, also of 18 guns, the latter losing her commander in the engagement. Shortly after the battle the *Hornet* was chased by the British frigate *Cornwallis*, 74 guns, and only escaped capture by throwing her guns and heavy stores overboard.

Hornet, The, British sloop of war destroyed by, 513.

Horse Shoe Bend (Ala.), Battle of.— When Gen. Jackson was informed of the arrival of Creeks in considerable numbers in Tallapoosa County he resolved to strike a decisive blow. He sent his stores down the Coosa River from Fort Strother in flatboats and marched his army against the gathering Indians. March 27, 1814, with 2,000 effective men, he halted within a few miles of the breastworks at the Horse Shoe Bend of the Tallapoosa River, where 1,200 Indians (one-fourth of whom were women and children) had entrenched themselves with an ample supply of food. The whites and their Indian allies soon surrounded the camp. The Indians fought desperately. They were attacked in front with bayonet and ball, and the torch was applied to their camp in the rear. The battle lasted all day, and in the evening 557 Creek warriors were dead in the little peninsula and some 200 more were killed while trying to escape. The loss to the whites was 32 killed and 99 wounded. The Cherokees lost 18 killed and 36 wounded. Some 300 women and children were taken prisoners. The spirit of the Indians was broken by this battle. Weathersford, the chief, appeared personally before Gen. Jackson and offered to surrender. He was permitted to go free and counsel peace among his dejected followers.

Horses, Army, care of, 6722.

Horticultural Board.—A federal board under the jurisdiction of the Department of Agriculture which has charge of the administration of the laws for inspection and quarantine of diseased or infested plants. On August 20, 1912, Congress passed an act to regulate the importation of nursery stock and to maintain quarantine districts. The board is appointed from the bureaus of Entomology and Plant Industry and the Forest Service of the Department of Agriculture and representatives of the State, Treasury and Post-Office departments, and horticultural inspectors of the several states.

Four foreign quarantines have been promulgated by the board, viz: Against the white pine blister rust of Europe and Asia, the potato wart of portions of Canada and several European countries, the Mexican fruit fly, and the pink boll cotton worm of Egypt.

Four domestic quarantines have also been promulgated by the board, viz: against the Mediterranean fruit fly in Hawaii, the gypsy and brown-tail moths in New England, date palm scale insects in Arizona, California and Texas, and the pink boll cotton worm in Hawaii.

Hosiery and Knit Goods.—The art of knitting is said to have been invented in Scotland in the fifteenth century and to have found its way from there to France where it became a recognized industry. In 1589 William Lee, of Nottingham, England, invented a knitting frame, which entirely altered the knitting trade, and developed a business which has ever since been an important feeder to the commerce of Great Britain. An apparatus for ribbing was invented by Jedediah Strutt in 1758. The circular knitting machine was invented in 1816, but it did not meet with much success until 1847, since which time it has received many improvements, chief of which was the tumbler or latch needle invented by Townsend in 1858. Two Americans, W. C. Gist and Almet Reid, by their genius added to the practical value of the knitting machine. Nottingham and Leicester are the centers of the industry in England, while in America, Pennsylvania, New York and Massachusetts lead in production.

The growth of the business in the United States has been remarkable. In 1850 there

were only eighty-five establishments, with a combined capital of $554,734, and an aggregate annual output worth $1,028,102.

Until 1832 the knitting of socks and stockings remained mostly a household industry—the only form of textile work which the machine had not wrested from the housewife. In that year Egbert Egberts successfully applied the principal of knitting by power at Cohoes, N. Y. His machine was simply the square stocking frame of William Lee adapted to power. From that adaptation dates a revolution in underwear, which had previously consisted wholly of flannel, fashioned and sewed at home, according to the individual needs. The revolution gathered momentum gradually, as invention after invention—almost all of American origin—perfected the knitting machine; but once the new industry was fairly and firmly established it spread with amazing rapidity. In the decade between 1880 and 1890 the number of knit goods mills doubled, and the value of the annual product jumped from $29,167,227 to $67,241,013.

In 1858 E. E. Kilbourne invented a machine for automatically knitting full fashioned underwear, and this machine has gradually wrought a second revolution in the industry. The amount of hand labor now done is reduced to the minimum—to the mere sewing on of buttons, so to speak.

The production of hosiery in 1914 amounted to 75,227,704 dozen pairs, valued at $98,136,265. The output of sweaters increased from 2,221,410, valued at $22,430,817, in 1909, to 2,249,142, valued at $26,195,002, in 1914. Of hoods, scarfs, etc., the production in 1914 amounted to 987,178 dozen, valued at $3,456,326.

The great variety of goods made facilitates the tendency, peculiar to this industry, toward the building of comparatively small mills, requiring but moderate capital; and it happens in consequence that these mills spring up all over the country, and can now be found in thirty-eight of the forty-eight states. Many of them employ only cotton as a raw material; others use chiefly wool; and still others manufacture what are known as merino knit or mixed goods—cotton mixed with wool in proportions varying from fifty to seventy-five and ninety per cent. of cotton, according to the particular market sought. The tendency to the larger use of cotton in these goods is perceptible not necessarily because of greater cheapness or a desire to adulterate, but because of the liability of wool to shrink, and its excessive warmth, lead many to prefer undergarments in which cotton is an equal or predominating material.

In 1914, there were 160,000 wage-earners and other persons engaged in the industry; the capital represented was $216,000,000; the salaries and wages, $71,000,000; the cost of materials, $147,000,000 and the value of the products $260,000,000.

Of the workers, 32% were male and 68% female. Of the workers, 24% were knitters and 40% finishers.

The Spring months are the time of greatest activity.

Of the establishments, 519 were owned by individuals, 785 by corporations and 318 by others. But the corporations employed 80% of the wage-earners and produced 80% of the value of the product. Thirteen establishments employed more than 1,000 workers each; 35, from 500 to 1,000; 92, from 250 to 500; and 232, from 100 to 250.

The annual product of 47 establishments was valued at more than $1,000,000 each; and of 508, at between $100,000 and $1,000,000 each.

Location of Establishments.—Of the 1,647 establishments reported for 1914, 1,325, or over 80 per cent, were located in the 7 states of Pennsylvania, New York, Massachusetts, North Carolina, Wisconsin, New Jersey, and Illinois, in the order in which named. In 1909 these states reported 1,112 establishments—about the same proportion as in 1914. The remaining 322 establishments in 1914 were distributed among 27 states, the number in each ranging from 1 each in 6 states to 39 in Ohio. In 1914 Pennsylvania and New York together reported 989 establishments, as compared with 837 in 1909. Of the 152 new factories shown for the later year, 123 were located in New York.

Hospitals. (See Marine Hospitals.)

Hospital Corps, reorganization of, needed, 7000.

Hospital Ships for Navy, 7237.

Hot Springs, exploration party ascends Washita River, 387.

Hot Springs Commission discussed, 4456.

Hot Springs Reservation, Ark. (see also Parks, National):

Appropriation for improvement of, recommended, 4661.

Bath houses and bath-house sites at, granting leases of, referred to, 4787.

Condition, occupancy, and area of, referred to, 3665.

Payment of damages to persons in, recommended, 4668.

Hours of Labor (see also Labor):

Referred to, 6348.

Uniform course regarding, recommended, 1819.

Wages of Government employees not to be affected by reduction in, proclaimed, 3969, 4129.

"Housatonic," S. S., case of, discussed, 8210.

House of Representatives.—The lower house of the Congress of the United States. The Constitution provides (Article I., sections 1 and 2) that "all legislative powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives. The House of Representatives shall be composed of members chosen every second year by the people of the several states. * * * No person shall be a representative who shall not have attained to the age of twenty-five years and been seven years a citizen of the United States, and who shall not, when elected, be an inhabitant of that state in which he shall be chosen." Members of the House of Representatives are apportioned among the several states according to population as shown at each decennial census, and are elected by a direct vote of the people in Congressional districts fixed by state law. The original proportion was 1 to 30,000; at present it is 1 to 212,407. Each organized

territory is entitled to 1 delegate in the House of Representatives. Delegates may participate in debate, but may not vote. The sole power of impeachment is given to the House of Representatives, and in this House must originate all general appropriation bills and bills for raising revenue. Members of the House receive a salary of $7,500 a year, besides mileage. They are privileged from arrest during attendance at the sessions of the House and in going to and returning from the same, and may not be questioned in any other place for any speech or debate in the House. The membership at present (1916) consists of 435 representatives and two delegates and three resident commissioners. (See illustration, frontispiece, Vol. XIV.) (See also Apportionment; Congress; Gerrymander.)

House of Representatives. (See Congress.)

Housing Program, War, placed under control of Secretary of Labor, 8527.

"How the War Came to America." (See Red, White and Blue Book.)

Howard University.—This institution is located in Washington, and exists for the higher education of the colored race. It was incorporated by act of Congress dated March 2, 1867, for the "education of youth in the liberal arts and sciences." In 1915, its register contained 1,452 students from 36 states and 6 foreign countries, and 205 students were graduated at its annual commencement. The University is divided into the College of Arts and Sciences; Teachers' College; School of Manual Arts and Applied Sciences; Conservatory of Music; School of Theology (undenominational); School of Medicine (ranked as Class A); School of Law; and the two divisions of the secondary department—the Academy and the Commercial College. It was first given Government support in 1893, and at the present time the Government furnishes about half of its annual budget, which is slightly above $200,000. Government supervision of the school is through the Interior Department.

Huamantla (Mexico), Battle of.—Gen. Lane set out from Vera Cruz about the 1st of October, 1847, with 2,000 men to reenforce the garrisons between there and the City of Mexico. Santa Anna, learning of Lane's approach to Puebla, set out to intercept him with 4,000 men and six pieces of artillery. On the night of Oct. 8, 1847, the Mexicans were encamped in the city of Huamantla and Capt. Walker was sent forward with a company of cavalry to give them battle. Walker's cavalry fought desperately in the face of superior numbers until the arrival of the infantry put the Mexicans to flight, with a loss of 150. Capt. Walker was killed in the fight and of his company of 75 men only 17 were able to keep the saddle at the close of the engagement.

Hubbardton (Vt.), Battle of.—Upon Burgoyne's advance toward Albany, July 6, 1777, Gen. St. Clair, whom Schuyler had left in command at Ticonderoga, being hard pressed by the enemy under the Hessian General Riedesel, began a retreat toward Rutland. The left wing of the British army, under Gen. Fraser, pursued the Americans, and in the afternoon of the 7th came upon Colonels Warner, Francis, and Hale, with about 900 effective men, at Hubbardton, Vt. The British force was officially reported as 858. The Americans maintained their ground with resolution and bravery, but the arrival of Riedesel forced them to retire. Col. Francis was killed and Col. Warner fled toward Rutland. The American casualties were about 360. The British loss amounted to 183, including Maj. Grant.

Hudson, The:
- Seizure of, by British authorities referred to, 4114.
- Thanks of Congress to officers and men of, for rescuing the *Winslow* at Cardenas, Cuba, recommended, 6302.

Hudson, N. Y., bill for erection of public building at, vetoed, 5521.

Hudson River, act to authorize New York and New Jersey Bridge Companies to construct bridge across, at New York, vetoed, 5912.

Hudsons Bay Company.—A trading corporation chartered by Charles II. in 1670 to Prince Rupert and other noblemen, to discover a new passage to the South Sea and to trade in the products of British North America. The original charter secured to Prince Rupert and his associates the absolute proprietorship, subordinate sovereignty, and exclusive traffic of an undefined territory which, under the name of Rupert's Land, comprised all the regions discovered or to be discovered within the entrance of Hudson Strait. The company afterwards combined with the Northwest Company and became a formidable rival of the United States in claiming the northwestern portion of America. Notwithstanding the fact that the treaty of 1783 vested the right to certain territory in the United States, the Hudsons Bay Company persisted in making settlements therein and discouraging American colonists. Their efforts to hold Oregon by force almost resulted in a war with England, but the boundary was finally settled in 1846.

Hudsons Bay Company:
- Claim of, against United States, 3888.
  - Award of commission referred to and appropriation for, recommended, 3989.
- Encroachments of agents of, upon trade and territory of Alaska, 3898.
- Extinguishment of rights of, in Oregon Territory, referred to, 2453.
- Fur trade of, referred to, 1097.
- Lands in Oregon Territory granted to, by British Government, 2073.
- Location of, 4056.
- Rights of, in Oregon, 2633.
- Rights of, to navigation of Columbia River, 2811.
- Treaty with Great Britain regarding, 3395, 3401.
  - Commissioners appointed under, 3447.
- Value of possessory rights of, referred to, 2866.

Hugh McCulloch, The:
- Mentioned, 6297.
- Recognition of services of commander of, in battle of Manila Bay, Philippine Islands, recommendations regarding, 6305.

Huguenot Society of America.—This Society was organized April 13, 1883, and has its office in New York at No. 105 East Twenty-second Street. Descent from Huguenot ancestors is the qualification necessary for membership.

Hundred.—An ancient English subdivision of a county. It was used to a limited extent in the American colonies, notably Delaware, Maryland and Virginia. The chief officer of the hundred was the constable. It corresponds roughly to the present township.

Hungary.—A nation in south central Europe, bounded on the north by Czecho-Slovakia, on the east by Roumania, on the south by Jugo-Slavia and on the west by Austria.

History.—The modern inhabitants of Hungary, the Magyars, swept into their present abode in the late ninth and the early tenth centuries A. D. They were probably of Mongolian stock and are unrelated to any other European race of the present except the Finns. For some years after their arrival in Hungary, they pillaged and raided their neighbors to the south and west, bringing desolation especially to Italy and the lands of the Germans, until they were defeated in battle by German armies in 933 and again in 955. Thereupon they settled down and gave some attention to farming and other peaceful pursuits.

In the first half of the eleventh century, the Magyars became converted to Christianity. In the year 1000, their king, who had already become Christianized, received his throne from the Pope, to whom he thus professed allegiance. In the following years, Hungary was under the sway of the feudal system, with many minor nobles disputing the sway of the central authority. A Mongol invasion devastated the land in the thirteenth century and later the Turks began to gain some of the outlying provinces.

According to the regulations of the feudal system, the throne of Hungary was disposed of according to the connections of the ruling family; and in the fourteenth century the independence of Hungary faded away, the throne passing first to the House of Anjou, then to the Holy Roman Emperor and in the fifteenth century to the Hapsburg King of Austria and for a few years to the king of Poland. After the latter, however, had been defeated by the Turks at Varna, Hungarian independence began to revive, and under Mathias I at the end of the fifteenth century Hungary saw an increase of power and of culture. But this period was followed by years of civil war, terminating in the complete overthrow of the Hungarians by the Turks in the Battle of Mohacs in 1526.

After 1526, the Turks remained in possession of the capital, Buda, and the central part of Hungary. The western part fell under Austrian rule, with the remainder in control of a Hungarian leader. The sixteenth and seventeenth centuries saw much strenuous but futile opposition by the Hungarians to the oppression of their foreign rulers. At the end of the seventeenth century, the Hungarians again rose against the Austrians, and summoned the Turks to their aid; but an Austro-German combination completely defeated the Turks, and Austria was thus enabled to extend her control to practically all of Hungary, Buda itself being recovered in 1687. The Hungarians were compelled to declare their throne hereditary in the Austrian ruling house of Hapsburg. Early in the eighteenth century, Austria came to a working agreement with her Hungarian subjects, and for a period comparative peace reigned in the land.

After the Congress of Vienna in 1815, at the close of the Napoleonic Wars, Hungarian national consciousness became acute. Opposition to Austrian rule revived, and sprang into an open revolt under Kossuth in 1849, as part of the general revolutionary movement which was sweeping over Europe at that time. But Austria was enabled to defeat the Hungarian rebels with the aid of Russia (furnished under the terms of the Holy Alliance), and once more Hungary chafed under Austrian domination. However, in 1866 Austria's power suffered a mortal blow in her defeat by Prussia, and in 1867 Hungary and Austria came to an agreement (*Ausgleich*), whereby the two were united in a dual kingdom under the king of Austria, but with almost unrestrained autonomy for Hungary.

By this time, however, Hungary contained a number of races besides the dominant Magyars, especially the Slavs in the south, the Roumans in the east, and the Slovaks in the north; and these races were sharply oppressed by the Magyars as the world moved into the twentieth century. The south Slavs desired to amalgamate with their brethren in Servia and the Roumans with their brethern in Roumania, while the Slovaks desired to unite with their brethren, the Czechs, in freedom from Austria-Hungary. Russia supported these suppressed Slavs against the Magyars, for the furtherance of Russian political aspirations; and by 1914 Hungary was a hotbed of oppression of nationalities. Indeed, the assassination of Archduke Franz Ferdinand of Austria by Serbian nationalists in Bosnia, a Slavic section added to Hungary in 1908, was the spark which set off the entire World War of 1914-1920. In that war, Hungary sprang eagerly to the support of Austria because of the fact that a Russian victory would see the separation of the Slavs of Hungary from the Magyar state.

After the defeat of the Central Powers in November, 1918, Hungary was proclaimed an independent republic, under the presidency of Count Karolyi. However, in March, 1919, the Karolyi government abdicated, because of alleged violation by the Allies of the rights of Hungarian nationality in favor of Roumania; and Hungary thereupon fell under a Communist regime headed by Bela Kun. This in turn was overthrown, largely at Allied instigation, by a combination of Hungarian anti-Communists and Roumanians in August, 1919. The Roumanians then occupied the country and pillaged it for some months. At their retirement, the conservative forces in Hungary re-assumed control of the country; and in 1920 the indications were that the monarchy would be re-established.

Area and Population.—The area of Hungary before the World War was 125,609 square miles, with a population (1910) of 20,886,487. But the peace terms of the World War took from Hungary the territory inhabited by the Slovaks, Roumans and South Slavs; and in addition may have placed some Magyars within the territory of Czecho-Slovakia, Jugo-Slavia and Rou-

mania. Until the peace terms of the War affecting Hungary are finally settled and until it is seen if those terms will be respected by Hungary's neighbors, especially Roumania, it is impossible to give accurate figures for the area and population after the War. The most recent estimate is that the new Hungary has an area of some 65,000 to 70,000 square miles, with a population of about 10,000,000.

In the old Hungary in 1910, the population consisted of 10,050,575 Magyars; 2,949,032 Roumans; 2,949,633 Jugo-Slavs; 2,037,435 Germans; 1,967,970 Slovaks; 472,587 Ruthenians or Ukrainians; and 469,255 others.

Religion and Education.—The majority of the people are Roman Catholics. In the last census before the War, they numbered 52% of the population; Greek Catholics formed 10%; Protestants were 19%; Greek Orientals were 14%; Jews were slightly less than 5%.

In the old Hungary, schooling was compulsory to the age of 13. About 9% of the population was illiterate. Latest figures showed about 2,000 newspapers, of which 1,500 were in Magyar.

The population of Buda-Pest in 1910 was 880,371.

On January 1, 1917, the public debt stood at $3,300,000,000. It has increased greatly since then.

Production and Industry.—Hungary is predominantly an agricultural country. There were some valuable mineral deposits worked before the War, but most of them were included in the territory taken from Hungary by the peace terms of the War. The chief attention is to wheat and live-stock. There are also large crops of rye, barley, oats, corn, potatoes, beets, vines, fruits, nuts and tobacco. The manufacturing was confined chiefly to the capital, Buda-Pest, and the factories were chiefly breweries, distilleries, tobacco factories and sugar factories.

In 1913, the imports into Hungary were valued at $400,000,000 and the exports from Hungary at $370,000,000. The chief imports by value, were cotton and woolen goods; coal, wood and peat; leather goods; iron goods and machinery. The chief exports were cereals and flour; live-stock; and sugar. Most of the trade was with Austria, although a considerable portion was with Germany.

Hungary (see also Austria-Hungary):
- Agent of United States sent to, during war with Austria, referred to, 2550, 2579, 2632.
- Exiles from, report on, 2612.
- Independence of, guaranteed, 8731.
- Kossuth liberated. (See Kossuth, Louis.)
- Relation of, to Austria, before World War, discussed, 8788.
- War of, with Austria, sympathy of American Government with Hungary, 2550, 2579.

Hunkers.—A name applied to a faction of the Democratic party of New York and later to the conservative element of that party in other states. The name came into use in 1844. The Hunkers in New York opposed the Locofocos, the Barnburners and the Radicals. (See Barnburners.)

Hunkpapa Indians. (See Indian Tribes.)

Hustings.—A speaker's platform, especially where political questions are discussed. In American politics the word has come to mean the place, or places, where a political campaign is waged. Thus, a man undertaking any kind of electioneering is said to go on the hustings.

Hyde vs. Continental Trust Co. (See Income Tax Cases, also Pollock vs. Farmers' Loan and Trust Co.)

Hydrographic Commission of the Amazon, claims of members of, against Panama, 6099.

Hydographic Office.—This office is under the Bureau of Navigation (q. v.) of the Navy Department (q. v.) and provides the United States Navy (q. v.) and Merchant Marine (q. v.) with charts, maps, and sailing directions covering the seas of the entire world. Its work in making new surveys is continuous, as is its publication of general marine data, such as movements of ice bergs and ice fields. It issues daily memoranda for the use of navigators, and maintains an ice patrol in the North Atlantic Ocean.

Hydrographic Office, transfer of, to Navy Department recommended, 5973.

Hygienic Congress at Turin, 4626.

Hylton vs. United States.—This was a case first coming before the United States Supreme Court in the May term, 1795, involving the question of direct or indirect taxes. Hylton was indicted before the circuit court for the district of Virginia for refusing to pay duty upon certain carriages which he claimed were kept for his own private use. The decree was against the defendant. When the case came before the Supreme Court the argument turned upon the question of the tax being direct or indirect. The justices read their opinions *seriatim.* Judgment was affirmed for defendant. Justice Wilson briefly stated that he upheld the constitutionality of the law of 1794, under which the case arose. The other justices differed in their treatment of the law, whether to deny its constitutionality in express terms or not. (See Income Tax Cases.)

Hyphenated-Americanism. —A term coined by President Wilson soon after the outbreak of the European War, to describe the spirit which seemed to animate those persons of foreign descent living in this country who were endeavoring to assist their native country in the war at the expense of the United States itself. The phrase arose from the fact that many such persons acted not as Americans, but, for instance, as German-Americans (q. v.); and the implications of President Wilson's phrase were that such persons not only were not unadulterated Americans, but also that of the two words which, when connected by a hyphen, formed the compound word by which they described themselves, they placed the emphasis upon the word which preceded the word "American."

Iceland.—For the early history, see Denmark and Atlantic Islands. In 1918, Iceland was acknowledged as a sovereign state united with Denmark only through the identity of the same king. In 1910, the population was 85,183. The latest estimate is 92,000. The state church, to which practically all the inhabitants belong, is Evangelical Lutheran.

By far the greatest part of Iceland is unproductive, the chief crops being hay, potatoes and turnips. There is much sheep-raising. The latest figures show the annual value of the fisheries as $4,000,000. The chief catch is cod.

The latest figures showed annual imports of $7,000,000 and exports of $10,500,000. The imports come chiefly from Denmark and Great Britain and the exports go chiefly to Denmark, Norway, Great Britain and Spain.

Idaho.—One of the western group of states; nickname, "Gem of the Mountains;" motto, "Esto perpetua" ("May it last forever"). It lies between lat. 42° and 49° north, and long. 111° and 117° 10′ west. The area is 83,888 square miles. It is bounded on the north by British Columbia and Montana, on the east by Montana and Wyoming, on the south by Utah and Nevada, and on the west by Washington and Oregon. The Bitter Root and Rocky Mountains form the eastern border. It also contains the Salmon River Mountains. It was a part of the Louisiana Purchase. Later it formed part of Oregon Territory and was also at one time part of Washington Territory. In 1863, together with the present Montana and part of Wyoming, it was organized as a separate Territory. It was admitted as a State in 1890.

In 1910 the population was 325,594. The 1920 population was 431,826. About 12% were foreign-born in 1910. The chief religious denominations represented are the Mormon, Catholic, Methodist and Presbyterian. Latest figures show 3,847 teachers and 106,000 children in the public schools. The state university is located at Moscow.

Much of the state is naturally arid, but vast irrigation projects have irrigated many hundreds of thousands of acres, and other irrigation projects are in course of construction. The most important crop is wheat. There is much cattle-raising and there are valuable mineral deposits.

Latest figures show the annual crops as follows:—

Crop	*Acreage*	*Bushels*	*Value*
Wheat	1,030,000	18,705,000	$38,345,000
Hay	650,000	1,625,000*	35,750,000
Oats	220,000	7,700,000	7,546,000
Sugar Beets	.....	201,407*	2,014,000
Barley	120,000	3,360,000	4,704,000
Potatoes	36,000	5,400,000	8,154,000

*tons.

The last federal census showed 30,807 farms in the state, with a total area of 5,283,604 acres, of which 2,778,740 were improved. The value of the farm property in 1910 was $305,000,000.

The latest figures for the live-stock are as follows:—Sheep, 3,234,000, valued at $33,634,000; horses, 270,000, $20,790,000; 4,000 mules, $364,000; cows, 136,000, $11,560,000; other cattle, 537,000, $23,682,000. The last annual wool clip was 22,145,000 pounds. Idaho contains some 17,650,000 acres of National Forests. (See Forests, National.)

The latest figures show an annual mineral production valued at $38,140,000. The chief mineral represented in these figures was lead, 300,000,000 pounds, valued at $22,760,000. Other mineral yields in the year for which the figures are given were gold, $867,000; silver, 9,595,000 ounces; copper, 5,195,000 pounds; zinc, 47,000,000 pounds.

In 1914, there were 698 manufacturing establishments, largely lumber and milling, in the state, employing 8,919 wage-earners whose annual wages were $7,491,000, representing capital to the extent of $44,961,000, and producing annually goods valued at $28,454,000.

Idaho:
Admission of, into Union discussed, 5553.
Governor of, removal of, referred to, 3794.
Insurrection in, proclamation against, 5723.
Lands in—
Opened to settlement, 6026.
Set apart as public reservation, 6213, 6218, 6687.
National forest in, 8005.
Partial organization of, referred to, 3451.
Sheep experiment station established in, 8101.
Town sites reserved in, 6874.
Unlawful combinations in, proclamations against, 5723, 5932.

Ideals, practical value of, 8694.

Identic Note.—A term used in diplomatic relations to designate a copy of a treaty or other agreement between two countries, which is sent to some other country for diplomatic reasons—often for the purpose of warning or admonishing the country receiving the copy.

Ikisima Island, Japan, Japanese subjects in, injured by target practice of American vessel, recommendations regarding, 5367, 5386.

Illegal Combinations (see also Amelia Island; Arizona; Arkansas; Boston; Burr, Aaron; California; Colorado; Dorr's Rebellion; Expeditions Against Foreign Powers; Harpers Ferry, Va.; Idaho; Illinois; Kansas; Ku-Klux-Klan; Louisiana; Maryland; Mississippi; Montana; New Mexico; New York, North Dakota; Pennsylvania; Rifle Clubs; Secret Lodges; South Carolina; Utah; Washington; West Virginia; White Leagues; Wyoming):
Discussed, 424, 4153.
Legislation for suppression of, recommended, 4640.
Proclamation against, 438.

Illinois.—One of the middle western group of states; nickname, "Prairie State," or "Sucker State"; motto, "National Union; State Sovereignty." It is bounded on the north by Wisconsin and Lake Michigan, on the east by Lake Michigan and Indiana, on

the south by Kentucky (separated by the Ohio River), and on the west by Missouri and Iowa (separated by the Mississippi River). It has an area of 56,665 square miles. The surface is generally level. It is one of the leading states in the production of wheat, corn and oats. Though it is mainly an agricultural state, it has many flourishing manufactures, taking third rank among the manufacturing states. Its chief industries are slaughtering, meat packing, clothing, iron-founding, and the manufacture of general and agricultural machinery. It is the second State in the Union in the extent of its railways and the third in population.

Illinois was settled by the French in 1682; was ceded to Great Britain in 1763 and to the United States in 1783. It became part of the Northwest Territory in 1787 and part of Indiana Territory in 1800. It was made a separate Territory in 1809 and admitted into the Union in 1818.

Illinois had a population of 5,638,591 in 1910; in 1920 it was given as 6,485,098. Of the population in 1910, 1,202,560 were foreign-born, including 319,000 born in Germany, 93,000 in Ireland, 115,000 in Sweden, 163,000 in Austria, 60,000 in England, 45,000 in Canada, 40,000 in Hungary, 33,000 in Norway, 149,000 in Russia, 72,000 in Italy, 14,000 in Holland, 21,000 in Scotland. The urban population was 62% of the whole. Chicago is the second largest city in the United States and the fourth largest in the world. Its population in 1910 was 2,185,283; the 1920 census put it at 2,701,212.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 251,872, a decrease of 4.6 per cent. compared with 1900, and comprising 32,522,937 acres, valued, with stock and improvements, at $3,905,321,075, an increase of $1,901,004,178. The average value of land per acre was $95.02. The value of domestic animals, poultry, etc., was $308,804,431, including 2,440,577 cattle, valued at $73,454,745; 1,452,887 horses, $163,363,400; 147,833 mules, $18,140,335; 4,686,362 swine, $36,210,179; 1,059,846 sheep, $4,843,736.

The latest figures for the live-stock showed 1,422,000 horses, valued at $133,688,000; 147,000 mules, $18,375,000; 1,060,000 cows, $101,760,000; 1,290,000 other cattle, $70,434,000; 1,010,000 sheep, $12,726,000; 5,323,000 swine, $109,122,000. The last annual wool clip was 4,129,000 pounds.

The latest figures for the annual agricultural production were as follows:—

Crop	*Acreage*	*Bushels*	*Value*
Corn	8,600,000	301,000,000	$391,300,000
Oats	4,102,000	123,060,000	86,142,000
Wheat	4,150,000	65,675,000	137,918,000
Hay	3,250,000	4,810,000*	102,934,000
Potatoes	155,000	8,060,000	15,800,000

*Tons.

Illinois ranks with West Virginia as the next state to Pennsylvania in the production of coal, which, with the petroleum output of the state, gives Illinois high rank among the mineral-producing states of the Union. Latest figures show an annual coal production of more than 91,000,000 tons. The annual petroleum output averages in the neighborhood of 15,000,000 barrels. There is also some working of clay, sandstone and limestone, cement and zinc.

Latest figures show 11,743 public elementary schools, with 25,000 teachers and 482,156 pupils; and 854 high schools, with 2,971 teachers and 62,000 pupils. The best-known of the universities in Illinois are the University of Chicago, the (state) University of Illinois and Northwestern University.

The number of manufacturing establishments in Illinois having an annual output valued at $500 or more at the beginning of 1915 was 18,388. The amount of capital invested was $1,943,836,000, giving employment to 95,130 persons, using material valued at $1,340,183,000, and turning out finished goods worth $2,247,323,000. Salaries and wages paid amounted to $469,388,000. Later estimates give 19,250 manufacturing establishments, with a capital of $2,500,000,000, employing 800,000 persons and producing annually goods valued at $3,250,000,000.

Illinois (see also Chicago):
Admission of, into Union, 615.
Bill relating to division of, into judicial districts, etc., returned, 5122.
Canal in, recommendations regarding, 3334.
Decisions of Supreme Court requested by legislature of, 2212.
Defalcation of officers in, 941.
Illinois and Michigan Canal tendered United States by, 4783.
Lands in, ceded to United States by Indians, 1257.
Mineral lands in, referred to, 2218.
Unlawful combinations in—
Discussed, 4424.
Proclamation against, 5931.
Volunteers from, thanks of President tendered, 3442.

Illinois and Michigan Canal tendered United States by Illinois, 4783.

Illinois Central Railroad, transportation of mails over, referred to, 2896.

Illinois Indians, treaty with, 127.

Illiteracy.—The Federal Census of 1910 revealed that in the entire United States the percentage of the population ten years of age and above who were unable to read and write was 7.7%.

In the following states the percentage of illiteracy was below 3%—Iowa, South Dakota, Nebraska, Kansas, Idaho, Utah, Washington, Oregon.

In the following states, the percentage was between 3% and 4%—Vermont, Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, North Dakota, Wyoming, Colorado, California.

In the following states the percentage was between 4% and 6%—Maine, New Hampshire, Massachusetts, Missouri, District of Columbia, Oklahoma, Montana, New York, New Jersey, Pennsylvania.

In the following the percentage of illiteracy was between 6% and 10%—Rhode Island, Connecticut, Delaware, Maryland, West Virginia, Texas, Nevada.

In the following states between 10% and 15%—Florida, Kentucky, Tennessee, Arkansas.

In the following states above 15%—Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Louisiana, New Mexico, Arizona.

The percentage of illiteracy by groups of states was as follows: New England: 5.3%; Middle Atlantic; 5.7%; East North Central: 3.4%; West North Central: 2.9%; South Atlantic: 16%; East South Central: 17.4%; West South Central: 13.2%; Mountain: 6.9%; Pacific: 3%.

Illiteracy in the United States is 3.7% among native whites of native parents; 1.1% among native whites of foreign or mixed parents; 12.7% among the foreign-born white; 30.4% among negroes; 45.3% among Indians; 12½% among Chinese and Japanese.

The following table shows the percentage of illiteracy in the great countries of the world, according to latest figures. The figures are based on the population of ten years of age and above unless otherwise noted:

Country	*Year*	*P. C.*
Austria	1910	18.7
Belgium	1910	12.7
Bulgaria	1905	65.5
England and Wales (g)	1910	4.5
France	1906	14.1
Germany (h)	1912	0.5
Greece	1907	57.2
Hungary (a)	1910	33.3
Ireland	1911	9.2
Italy	1911	37.0
Portugal	1911	68.9
Roumania (b)	1909	60.6
Russia	1897	69.0
Spain	1900	58.7
United States	1910	7.7
Argentina (a)	1895	54.4
Brazil (c)	1890	85.2
Canada (d)	1911	11.0
Chile	1907	49.9
Mexico	1910	70.7
Porto Rico	1910	66.5
Australia (e)	1911	1.8
India	1911	92.1
Philippines (f)	1903	55.5
Siberia	1898	87.3
Union of South Africa	1911	69.7

(a) Population over 6 years of age; (b) Population over 7 years of age; (c) All ages; (d) Population over 5 years; (e) Exclusive of full-blooded aborigines; (f) Exclusive of natives in wild state; (g) Estimated from illiteracy among applicants for marriage licenses (1.8); (h) Estimated from illiteracy among army recruits (.05).

Immigration.—No official statistics of immigration were kept previous to 1820. By the act of Congress of March 2, 1819, collectors of customs were required to keep a record and make a return to the Treasury Department of all passengers arriving in their respective districts from foreign ports. As early as 1700 large numbers of Germans from the districts along the Rhine emigrated to America, most of them settling in Pennsylvania. Some 5,000 are said to have arrived in Pennsylvania from Germany in 1729.

The outbreak of the Revolution of course retarded immigration for a time. Then the breaking out of the European wars and their continuance until 1815 absorbed nearly all the surplus population for about forty years.

Various estimates have been made of the number of immigrants coming to the United States prior to 1820. These range from an average of 4,000 to 7,800 a year, some of the calculators, however, basing their estimates on returns for only a part of the time. Dr. Loring, of the United States Statistical Bureau, calculates that 250,000 immigrants came to the United States between 1775 and 1820. This is an average of 5,500 per year. In 1820, the first year of record, there were 8,385 arrivals. The following years showed a steady increase up to 1854, when the number reached 427,833. Almost every year's figures show an increase over those of the preceding year. After 1854 there was a gradual falling off, until during the first year of the Civil War the number was reduced to 89,724—but little more than half the number of arrivals for the preceding year. The following year (1862) showed but 89,207, but this number was nearly doubled the next year, notwithstanding the result of the war was yet in doubt. After the war the tide of immigration again set toward our shores and in 1882 the arrivals reached 788,992.

The total immigration from Jan. 1, 1820, to the close of 1893 was more than 20,000,000. This large influx of foreigners so disturbed the existing social conditions that remedial legislation was demanded. By an act of Congress in 1882 a head tax was laid upon every immigrant by sea, and commissioners were appointed to inspect vessels entering American ports, who should have the power to prevent the landing of

The following table shows the immigration into the United States by years:—

Year	Total Alien Passengers	Year	Total Alien Passengers
1789 to 1822 est.	266,038	1873	459,803
1824	7,912	1874	313,339
1825	10,199	1875	227,498
1826	10,837	1876	169,986
1827	18,875	1877	141,857
1828	27,382	1878	138,469
1829	22,520	1879	177,826
1830	23,322	1880	457,257
1831	22,633	1881	669,431
1832	60,482	1882	788,992
1833	58,640	1883	603,322
1834	65,365	1884	518,592
1835	45,374	1885	395,346
1836	76,242	1886	334,203
1837	79,340	1887	490,109
1838	38,914	1888	546,889
1839	68,069	1889	444,427
1840	84,066	1890	455,302
1841	80,289	1891	560,319
1842	104,565	1892	623,084
1843	52,496	1893	502,927
1844	78,615	1894	314,467
1845	114,371	1895	279,948
1846	154,416	1896	343,267
1847	234,968	1897	230,832
1848	226,527	1898	229,299
1849	297,024	1899	311,715
1850	369,986	1900	448,572
1851	379,466	1901	487,918
1852	371,603	1902	648,743
1853	368,645	1903	857,046
1854	427,833	1904	812,870
1855	200,877	1905	1,027,421
1856	195,857	1906	1,100,735
1857	246,945	1907	1,285,349
1858	119,501	1908	782,870
1859	118,616	1909	751,786
1860	150,237	1910	1,041,570
1861	89,724	1911	878,587
1862	89,207	1912	838,172
1863	174,524	1913	1,197,892
1864	193,195	1914	1,218,420
1865	247,453	1915	326,700
1866	163,594	1916	298,826
1867	298,967	1917	295,403
1868	282,189	1918	110,618
1869	352,569	1919	141,132
1870	387,203		
1871	321,350	Total	33,200,103
1872	404,806		

any "convict, lunatic, idiot, or person likely to become a public charge." Such persons were to be returned to the port from which they came at the cost of the owners of the vessels bringing them to this country. A further law, passed in 1885, makes it unlawful to pay the transportation or to encourage in any way the immigration of aliens under contract or agreement to perform labor or service in the United States. The penalties attached to this act are $1,000 fine upon the person so encouraging such immigrant and $500 upon the captain of a vessel who knowingly transports the laborers.

The reported occupations of immigrants arriving during the fiscal year 1913 were as follows: laborers, 220,992; servants, 140,218; farm laborers, 320,105; tailors, 22,934; merchants and dealers, 13,919; carpenters and joiners, 15,035; shoemakers, 11,578; clerks and accountants, 14,025; mariners, 4,979; miners, 9,510. The number of professional immigrants (including 911 actors, 1,917 engineers, 1,254 musicians and 2,389 teachers) was 13,469; of skilled laborers, 160,108; other miscellaneous (including unskilled), 14,396; no occupation (including women and children), 297,188.

The total immigration by countries to June 30, 1919, from the years mentioned has been as follows:—

Austria-Hungary (1861)[1]	4,068,421
Belgium (1894)	76,587
British North America (1865)	834,450
China (1853-1883)[2]	288,398
Denmark, Norway, Sweden (1820)	2,134,414
France (1820)	523,806
Germany (1820)	5,494,549
Greece (1894)	352,883
Italy (1820)	4,100,740
Japan (1893)	225,030
Mexico (1894)	217,254
Netherlands (1820)	214,508
Poland (1886-1898)[3]	279,138
Portugal (1894)	159,702
Roumania (1894)	76,222
Russia (1820)[4]	3,311,406
Switzerland (1820)	256,707
Turkey (1894)	311,404
United Kingdom (1820)[5]	8,205,675
England (1820)	3,320,847
Scotland (1820)	573,355
Ireland (1820)	4,359,225
West Indies (1894)	243,731

[1]For the last fifteen years, the separate totals for Austria and Hungary have been almost the same.

[2]After 1883, the exclusion law was in operation.

[3]For years other than those mentioned, immigration from Poland was included in the totals for other countries.

[4]Including Finland and Poland. See Note 3.

[5]The discrepancy between these figures and the totals for Ireland, Scotland and England listed below is due to some unavoidable duplication in tabulation.

Since the beginning of the twentieth century, the greatest number of immigrants has come from the countries of southern Europe, especially Austria, Italy, and Russia. The decades between 1850 and 1860 and between 1880 and 1890 saw the greatest period of German immigration; the decade between 1880 and 1890 the great period of Scandinavian immigration; the years between 1860 and 1890 the great period of English immigration; and the greatest number of the Irish came in 1840-1860.

Of the total immigrants admitted in the fiscal year ending June 30, 1914, 158,621 were under 14; 981,692 were between 14 and 44; and 78,167 were above 45. There were 798,747 male and 419,733 female. There were 260,152 who were illiterate.

Sums of $50 and above were brought by 172,394 and sums of less than $50 by 737,079. 984,125 were joining relatives, 164,282 were joining friends and 70,073 were joining neither.

Of the males 338,000 were single and 405,000 were married. Of the females, 186,000 were single and 136,000 were married.

Because of the cessation of immigration as a result of the World War, the figures of immigration by chief countries of origin for the fiscal year ending June 30, 1914 are more significant than later figures. The figures for the fiscal year ending June 30, 1919, are given for comparison:—

	1914	*1919*
Austria-Hungary	278,142	53
Belgium	5,763	268
Denmark	6,262	1,352
France, including Corsica	9,296	3,379
German Empire	35,734	52
Greece	35,832	386
Italy, including Sicily and Sardinia	283,738	1,884
Netherlands	6,368	1,098
Norway	8,329	1,995
Portugal, including Cape Verde & Azore Islands	10,898	1,222
Roumania	4,032	19
Russian Empire and Finland	255,660	1,403
Spain, including Canary and Balearic Islands	7,591	1,573
Sweden	14,800	2,243
Switzerland	4,211	381
Turkey in Europe	8,199	10
England	36,864	5,163
Ireland	24,688	474
Scotland	10,682	1,283
Wales	2,183	351
Total Europe	1,058,391	26,627
China	2,502	1,964
India	221	171
Japan	8,929	10,064
Turkey in Asia	21,716	19
Other Asia	905	456
Total Asia	34,273	12,674
British North America	86,139	57,782
Mexico	14,614	29,818
Central America	1,622	2,589
West Indies & Bermuda	14,451	8,826
South America	5,869	3,271
Total Immigrants	1,218,480	141,132

Of recent years, there has been a steady emigration of aliens out of the United States. The figures are as follows:—

1908	395,073	1914	303,190
1909	225,802	1915	204,074
1910	202,436	1916	129,765
1911	295,666	1917	66,277
1912	333,262	1918	94,585
1913	308,190	1919	123,522

Total alien emigration 1908-19, 2,681,990
Total alien immigration 1908-19, 8,082,036

Of the aliens departing in the above years, 884,598 returned to Italy, 324,806 to British North America, 281,221 to Austria, 267,447 to Hungary, and 247,308 to Russia, including Poland and Finland.

December 15, 1913, by a vote of more than two to one, the House Immigration Committee favorably reported the Burnett Immigration bill, with its stringent provisions barring from entry into the United States all Asiatics, militant suffragettes, advocates of sabotage and anarchists. The literacy test, requiring aliens to read or write one language, was also included. The bill was passed by both the House and the Senate, but was vetoed by President Taft, and the attempt to pass the bill over his veto failed by a narrow margin to obtain the necessary two-thirds vote. A similar bill was passed in President Wilson's first administration, but could not be passed over his veto. In his second administration, however, the bill was passed over his veto on February 6, 1917.

The bill provides, in addition to previous regulations, that on and after May 5, 1917, no alien over 16 years of age, physically able to read, shall be admitted to the United States if he cannot read English, or some other language or dialect, including Hebrew and Yiddish. Exception to this rule is made in favor of the father or grandfather over 55 years of age, the wife, the mother, the grandmother, or the unmarried or widowed daughter, if otherwise admissible, of any citizen of the United States, or of any alien previously or afterwards admitted. Exception is made also in favor of all persons fleeing from religious persecution, either by governmental laws or by overt acts. The literacy test which must be passed consists of reading between thirty and forty words, in ordinary use, of the language or dialect which the applicant for admission chooses, printed in legible type on slips of uniform size.

An act of Congress approved on October 16, 1918 excludes from the United States, or makes subject to deportation after having been admitted, any aliens who are anarchists; who believe in or advocate the overthrow by force or violence of the Government of the United States or who are opposed to all organized government; who advocate the assassination of public officials or the unlawful destruction of property; and who are members of organizations which advocate the above practices.

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Lincoln, 3383, 3447.
Roosevelt, 6755, 6862, 7045, 7345.
Discussed by President (see also Chinese Immigration)—
Cleveland, 5370, 5877, 6157.
Lincoln, 3383, 3447.
Roosevelt, 6715, 6788, 6915, 7007.
Taft, 7372, 7543, 7847.
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Educational and physical tests for, 6651. (See also Literacy test for, below.)
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Laborers and *padroni* system discussed, 6055.
Laws, amendment of, needed, 6651, 6788, 6915, 7006, 7543.
Legislation for protection of immigrants recommended, 4108, 4120, 4650.
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Taft, 7847.
Wilson, 8043.
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Dissatisfied citizens of United States into Mexico, 3571.
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Passport control over, continuation of, urged, 8778.
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Restrictions on, severe, urged, 7543.
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Bavaria, 3834.
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Germany and claims arising under, discussed, 4419.
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Immigration, Superintendent of, report of, discussed, 5877.

Impeachment.—The exhibition of charges of maladministration against a civil officer before a competent tribunal. In the United States the House of Representatives has the sole power of impeachment of the president, vice-president and all civil officers of the United States. The Senate has the sole power to try all impeachments. The Chief Justice presides at the trial of a president. A two-thirds vote is necessary to convict. Most states have similar regulations regarding impeachment. This mode of trial of

public officials comes to us from England, where impeachments are made by the House of Commons and tried by the House of Lords.

The Constitution of the United States, Article II., Section IV., provides that civil officers of the United States may be removed from office on impeachment and conviction of treason, bribery or other high crimes and misdemeanors; that the House of Representatives has the sole power of impeachment, and the Senate the sole power to try impeachments; that the Vice-President shall preside at impeachments except when the president is tried, when the Chief Justice of the Supreme Court shall preside; and that two-thirds of the members present must vote for conviction before a person impeached shall be deemed guilty. Only nine persons have been impeached and tried before the Senate, and only three of them have been convicted. The record is as follows:

William Blount, Senator from Tennessee; impeached July 7, 1797, for conspiring to wage war with Spain in favor of Great Britain, to excite the Cherokee Indians against Spain, and to create disaffection among the Indians toward the United States; trial December 17, 1798, to January 14, 1799; vote, 11 guilty, 14 not guilty; verdict, acquittal.

John Pickering, Judge of the District Court of the United States for the District of New Hampshire; impeached 1803 for drunkenness and disregard of the terms of the statutes; trial, March 3 to March 12, 1803; vote, 19 guilty, 7 not guilty; verdict, guilty; punishment, removal from office.

Samuel Chase, Associate-Justice of the Supreme Court of the United States; impeached 1804 for misconduct at trials of persons charged with breach of the Sedition Law; trial, November 30, 1804, to March 1, 1805; vote, 9 guilty, 30 not guilty, and 15 guilty, 19 not guilty, on different counts; verdict, acquittal.

James Peck, Judge of the District Court of the United States for the District of Missouri; impeached for tyrannous treatment of counsel, 1830; trial, May 11 to May 30, 1830, and from December 13, 1830, to January 31, 1831; vote, 21 guilty, 22 not guilty; verdict, acquittal.

West H. Humphreys, Judge of the District Court of the United States for the District of Tennessee; impeached 1862 for supporting the secession movement and unlawfully acting as Judge of the Confederate District Court; trial May 22 to June 26, 1862; vote, 32 guilty, 4 not guilty, and 38 guilty; verdict, guilty; punishment, removal from office.

Andrew Johnson, President of the United States; impeached for usurpation of the law, corrupt use of the veto power, interference at elections and high crimes and misdemeanors; trial, March 30 to May 26, 1868; vote, 35 guilty, 19 not guilty; verdict, acquittal. (Page 3907.) (See illustration opposite 3802.)

William W. Belknap, Secretary of War of the United States; impeached for accepting bribes; trial, April 5 to August 1, 1876; vote, 5 guilty, 25 not guilty; verdict, acquittal.

Charles Swayne, Judge of the District Court of the United States for the District of Florida; impeached 1905 for misconduct in office; trial, Feb. 6 to Feb. 7, 1905; vote, 55 guilty, 37 not guilty; verdict, acquittal.

Robert W. Archbald, Associate Judge of United States Commerce Court, was impeached July 11, 1912, on thirteen articles charging him with corrupt collusion with coal mine owners and railroad officials while in office. The Senate began his trial December 3, 1912, and ended January 13, 1913. Verdict guilty; removed from office.

Following are the Governors of states who have faced impeachment proceedings in the past, with the results that followed:

Seth Sothell, Colony of North Carolina, 1689, removed.

Charles Robinson, Kansas, 1862, acquitted.

Harrison Reed, Florida, 1868, charges dropped.

William W. Holden, North Carolina, 1870, removed.

Powell Clayton, Arkansas, 1871, charges dropped.

David Butler, Nebraska, 1871, removed.

Henry C. Varmoth, Louisiana, 1872, term expired and proceedings dropped.

Adelbert Ames, Mississippi, 1876, resigned.

William Sulzer, New York, 1913, removed.

James E. Ferguson, Texas, 1917, resigned several hours before found guilty.

Impeachment of President Johnson:
Articles of, exhibited by House of Representatives, 3907.
Answer of President, 3926.
Replication of House of Representatives, 3951.
Committee on, photograph of, opposite 3792.
Letter of Chief Justice Chase respecting proper mode of procedure, 3916.
Proceedings of Senate sitting for trial of, 3918.
Verdict of acquittal, 3955.

Imperial Mexican Express Co., organization of, referred to, 3575.

Imperial Valley, protection for citizens of, discussed, 7780.

Imperialism.—The policy of extending the dominion of a country beyond the homogeneous geographically or racially indicated lines. Thus the acquisition of the Louisiana Territory by the United States could not be considered imperialism, whereas the acquisition of the Philippines would probably be so considered by most impartial judges. The acquisition of Alsace and Lorraine by Germany was imperialistic because the people of those countries were not German by language, culture, or desire and because geographically the territory was as much a part of France as of the German Empire.

The great imperialistic powers of ancient times were Persia, Assyria and Egypt, although the greatest imperialist nation known to the world was Rome. In the Middle Ages, the Holy Roman Empire was frankly imperialistic, and her example was followed later by Spain. Of modern times France under Napoleon and the German Empire were the greatest Continental imperialist nations, and at the present time the greatest colonial empire is enjoyed by England.

Modern political history is chiefly the effect of the desire for imperialistic expansion as counteracted upon by the vigorous

feeling of nationalism which characterized the nineteenth century. In recent years there has arisen a new imperialism—that of a number of states, largely autonomous, but welded into one whole, rather than of one central state with subject territory. The practical independence of Australia, Canada, etc., represents the new tendency whereas the old tendency was responsible for most of the colonization of Africa. With this idea of connected states went the policy of joining them closely together industrially, and hence imperialism of today is economic as well as political. Imperialism was a dominant subject of American political life for several years after the Spanish-American War.

See also Annexation and Territorial Expansion, the latter for references.

Imperialism. (See Expansion, Territorial.)

Import Duties. (See Tariff and Revenue, Public.)

Import Duties, Foreign. (See Foreign Import Duties and Tariff of Foreign Nations.)

Imported Goods, misbranding of, 7228.

Imports and Exports of the United States for the fiscal year ending June 30, 1800, 1850, 1880, 1900, and recent years have been as follows:

Year	*Imports*	*Exports*
1800.....	$ 91,252,768	$ 70,971,780
1850.....	173,509,526	144,375,726
1880.....	667,954,746	835,638,658
1900.....	849,941,184	1,394,483,082
1905.....	1,117,513,071	1,518,561,666
1910.....	1,556,947,430	1,744,984,720
1911.....	1,527,226,105	2,049,320,199
1912.....	1,653,264,934	2,204,322,409
1913.....	1,813,008,234	2,465,884,149
1914.....	1,893,925,657	2,364,579,148
1915.....	1,674,169,740	2,768,589,340
1916.....	2,197,883,510	4,333,482,885
1917.....	2,659,355,185	6,290,048,394
1918.....	2,946,059,403	5,919,711,371
1918[1].....	3,031,212,710	6,149,087,545
1919.....	3,095,876,582	7,225,084,257
1919[1].....	3,904,406,327	7,922,150,592
1920.....	5,238,621,668	8,111,039,733

[1]Calendar years.

For detailed statistics of our imports and exports, see Commerce.

Imports (see also Commerce, Embargo, Trade and Tariff):
- Duties on. (See Import Duties; Vessels, Foreign, tonnage on.)
- From France referred to, 768.
- Increase in, 1155.
- Into Cuba, modification of laws regarding, 2869.
  - Indemnity for, discussed, 2869.
- Prohibition on—
  - Proclamation removing, 6025.
  - Recommendations regarding, 399, 527.
- Reduction in, 1707.
- Regulation and prohibition of, 8395, 8396, 8453.
- Restrictions upon. (See Animals and Animal Products.)
- Value of, for year ending June—

1845, 2252.	1885, 4925.
1846, 2346.	1886, 5092.
1847, 2401.	1891, 5626.
1848, 2496.	1892, 5743.
1851, 2658.	1893, 5875.
1852, 2705.	1894, 5964.
1877, 4422.	1896, 6155.
1881, 4633.	1899, 6357.
1884, 4830.	1900, 6439.

Impressment.—The act of compelling persons to enter the public service, usually applied to the seizure of sailors for service on naval vessels. Great Britain has always claimed the right to levy land and naval forces in time of war by compulsory process. This method has been limited in the case of land forces to times of actual invasion; but that country still claims the right to impress British seamen into service wherever they may be found. The exercise of this claim was among the causes that led to the War of 1812. Great Britain refused to allow the right of her seamen to change their allegiance by naturalization and claimed the right to search neutral vessels and decide by her visiting officers who among the crew of such neutral vessels were British subjects. Many American sailors were in this way wrongfully impressed into the British navy. Although by the treaty of Ghent Great Britain did not relinquish this claim, it has been abandoned so far as United States vessels are concerned. She has acceded to the doctrine of Webster that in every regularly documented American vessel the crew who navigate it will find protection in the flag which is over them. (See also Ghent, Treaty of.)

Impressment. (See Naturalized Citizens; Seamen, American.)

Imprisonment:
- Citizens of United States and claims arising out of, in—
  - Algiers, 80, 90, 115, 140, 169, 192, 197, 199, 539.
  - Argentine Republic, 632.
  - Austria, 2742, 2889.
  - Brazil, 970, 2779.
  - Colombia, 4798.
  - Cuba, 329, 2538, 2676, 2677, 2765, 3115, 4023, 5516, 6068, 6100, 6181, 6182, 6184, 6345. (See also Spain.)
    - Persons claiming to be American citizens, 6180, 6183.
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    - Released, 4915, 4990.
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  - France, 6060.
  - Great Britain, 963, 969, 990, 1123, 1575, 1622, 1687, 1909, 1928, 2521, 3590, 3718, 3827, 3897, 4005, 4602, 4674, 4678, 4679, 4693, 4699, 6101.
    - Colonies of. (See the separate British Colonies.)

Correspondence regarding. (See Greely, Ebenezer S.)
Released, 1110.
Trial and conviction of, referred to, 3800, 3827, 3833, 3834, 4782.
Haiti, 3829, 4665, 4918, 5120, 5123, 5369, 5869, 6099.
Honduras, 5825.
Ireland, 2521, 3590, 4678, 4679, 4693, 4699.
Released, 3902, 4713.
Trial and conviction of, referred to, 3800, 3827, 3833.
Mexico, 2720, 2834, 2837, 4376, 4672, 4678, 4692, 4696, 4852, 4991, 5086.
New Brunswick, 963, 969, 990, 1575, 1622, 1687.
Paraguay, 3884, 3898.
Peru, 5988, 6092, 6335.
Portugal, 3884.
Prussia, 1136.
Russia, 4162, 4789, 4793.
Santo Domingo, 4004, 4013.
Spain, 594, 2643, 4116, 5905. (See also Cuba.)
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Venezuela, 4789, 4803, 5198.
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Jails, use of, granted to United States, 103.
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Duties of sheriffs regarding, 67.
Provision for, recommended, 183.

Imprisonment for Debt:
Abolition of, except in case of fraud, recommended, 1017, 1119.
Referred to, 251.

Improvements, Internal. (See Internal Improvements.)

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McKinley, 6236, 6465.
Madison, 451, 509.
Monroe, 573, 655.
Pierce, 2730.
Polk, 2223.
Roosevelt, 6930.
Taft, 7368.
Taylor, 2542.
Tyler, 1889.
Van Buren, 1530.
Washington, 43, 130.
Wilson, 7868, 8221.

Inauguration Day.—After the ratification of the Constitution by the several states the Congress of the old Confederation fixed upon the first Wednesday in January, 1789, for the choice of electors, the first Wednesday in February for the voting of the electors, and the first Wednesday in March for the inauguration of the president. The latter day fell on the 4th in that year, and the twelfth amendment to the Constitution settled upon this as the legal date. Bills have been frequently introduced in both Houses of Congress to change Inauguration Day from March 4th to various dates, some as late as April 30th. There has also been some agitation to make the date of inauguration considerably earlier, the advocates of this proposition claiming that the interval between election and inauguration is dangerously long.

Incendiary Speeches and mob violence discussed by President Roosevelt, 7032.

Income Tax.—A form of direct tax upon annual incomes in excess of a specified sum. According to the doctrine of Adam Smith, "the subjects of every state ought to contribute to the support of the government as nearly as possible in proportion to their respective abilities—that is, in proportion to the revenues which they respectively enjoy under the protection of the state." In pursuance of this principle all incomes should be taxed, but it is generally conceded among the advocates of such a tax that incomes below a certain amount should be exempt.

Aug. 5, 1861, Congress, to secure funds to suppress the rebellion, authorized a tax of 3 per cent. on all incomes over $800 per annum. July 1, 1862, an act was passed taxing all incomes under $5,000 5 per cent., with an exemption of $600 and house rent actually paid. Incomes of more than $5,000 and less than $10,000 were taxed 2½ per cent. additional, and on incomes of more than $10,000 5 per cent. additional with no exemptions. A tax of 5 per cent. on incomes of Americans living abroad and of 1½ per cent. on incomes from United States securities was levied, expiring in 1865. In 1864 a special tax of 5 per cent. was imposed on all incomes between $600 and $5,000 and 10 per cent. on incomes of more than $5,000. This law was repealed in 1872. The amount collected under it was $346,911,760.48. In August, 1894, the Wilson tariff law imposed a tax of 2 per cent. on all incomes in excess of $4,000. The Supreme Court in 1895 declared this law unconstitutional. (See Income-Tax Cases.)

Income taxes have been collected in England since 1799, when Mr. Pitt carried a proposition through Parliament for a graduated tax on all incomes in excess of £60 per annum. In 1803 the rate was fixed at 5 per cent. on all incomes above £150. Sir Robert Peel's bill, passed in 1842, imposed a tax of 7d. per pound on annual incomes of £150 and upward, for three years. This

law has since been extended at each period of its expiration, and the rate and exemptions frequently changed, but the law remains essentially the same in principle today as passed in the early forties. The rate has varied from 4d the pound (in 1865-67-70) to 1s. the pound (in 1904); yielded a revenue increasing irregularly from £571,055 in 1842, to £38,800,000 in 1903, and falling back to £31,860,000 in 1908. The immediate effect of Sir Robert Peel's measure was to cause the repeal of about £12,000,000 of direct taxes.

President Roosevelt in his sixth annual message on December 3, 1906 (p. 7044), questioned the constitutionality of an income tax, and the next year (p. 7083) hoped one might be devised which the Supreme Court would declare constitutional. In a special message of June 16, 1909 (p. 7390), President Taft recommended an amendment to the Constitution which should permit the federal government to levy and collect an income tax without apportionment among the states according to population. On February 25, 1913, three-fourths of the states having approved such a proposition, it was certified as part of the Constitution. (See Amendments.)

By virtue of the power granted under the sixteenth amendment to the Constitution the Sixty-third Congress passed an income tax measure as part of the tariff law of 1913. This provided for a normal tax of one per cent. on all incomes in excess of $3,000 for unmarried men and women, and in excess of $4,000 up to $20,000 for married persons living together as man and wife, but only $4,000 of the aggregate income of man and wife living together was exempted. An additional one per cent was assessed upon the amount by which the total net income exceeded $20,000 up to $50,000; two per cent. upon the amount in excess of $50,000 up to $75,000; three per cent. upon the amount in excess of $75,000 up to $100,000; four per cent. upon the amount in excess of $100,000 up to $250,000; five per cent. on the amount in excess of $250,000 up to $500,000, and six per cent. upon the amount in excess of $500,000. Early in 1917 the normal tax was raised to 2 per cent and the sur-taxes on large incomes were heavily increased.

On January 24, 1916, the United States Supreme Court declared the income tax section of the Tariff Act of 1913 constitutional, by virtue of the sixteenth amendment.

For the fiscal year ending June 30, 1916, the personal income tax was paid by 336,652 persons, of whom 266,153 were married, 47,583 were single males and 22,916 were single females. The total personal income tax collected was $67,943,594, an increase of $26,800,000 over 1915. About one-half of the total tax was paid by persons living in or around New York City, and almost one-half came from New York State. Taxes on incomes above $1,000,000 were paid by 120 persons, on incomes from $500,000 to $1,000,000 by 209 persons; on incomes from $250,000 to $500,000 by 592 persons; and on incomes from $100,000 to $250,000 by 2,906 persons.

For the fiscal year ending June 30, 1917, (taxation for calendar year 1916), personal income taxes were paid by 429,401 persons. The yield was $180,108,340. On the basis that persons with an income of $40,000 were millionaires, there were 22,696 millionaires in the United States, as compared with 14,771 in 1915-16. About one-half of the tax again came from New York state. There were 206 persons with incomes above $1,000,000; 376, between $500,000 and $1,000,000; 1,141, between $250,000 and $500,000; and 4,910, between $100,000 and $250,000.

For the income tax on corporations, see Corporation Tax.

The War Revenue Act approved on February 24, 1919, provided for income tax rates not only for the calendar year 1918, but also for future years. The chief difference between the 1918 and the 1919 rates was in the normal tax, in 1918 6% of the first $4,000 net income and 12% of the remainder, in 1919, 4% and 8% respectively. The rates for 1922 were set by the act approved November 23, 1921, as follows:

RATES FOR CALENDAR YEAR, 1922

Persons Taxable.—All residents and citizens of the United States and all non-resident aliens with any source of income within or arising within the United States.

Filing of Returns.—Compulsory annually by all persons with a gross income (see below) of $5,000 or over annually; by every single person and married person not living with husband or wife with net income (see below) of $1,000 or over annually; by every married person living with husband or wife with net income of $2,000 or over annually. Husband and wife living together with aggregate net income of $2,000 or over annually or aggregate gross income of $5,000 or more annually may each make a return; or they may make a joint return to be taxed on the aggregate amount. Partnerships must make returns, as must every fiduciary for individuals or estates with the annual incomes mentioned above or with a beneficiary who is a non-resident alien. Returns for the calendar year must be made with the collector of internal revenue of the district inhabited before or on March 15 of the following year; or, if on a fiscal basis, before or on the fifteenth day of the third month following the close of the fiscal period.

Payments.—The tax is payable in four equal installments, the first due with the filing of the return; or the whole tax may be paid with the filing of the return. Extensions for payments may be granted, but are subject to an interest charge of ½ of 1% per month for the extended period. Failure to pay tax when due is fined by a penalty of 5% plus interest of 1% per month. Understatements without intent to defraud are punishable by charge of 5% of deficiency plus interest of 1% per month. The penalties for fraudulent returns with intent to deceive are severe.

Net Income.—The gross income minus the deductions allowed. The deductions not to be confused with personal exemptions allowed.

Gross Income.—Gains, profits and income from any source and however paid, except those items specifically excluded (see below). Including income from salaries; wages; commissions; pensions; professions; business (including farming); profits from sale of real estate, stocks and bonds, and other property; income from rents, royalties, interest and dividends; distributable share of income from partnerships and fiduciaries, whether or not distributed. By Supreme Court decision of April 27, 1920, dividends paid in stock are not taxable as income.

Gross income does *not* include insurance paid beneficiaries on death of insured; re-

turns on premiums on life insurance, endowment or annuity contracts (but dividends from paid-up policies are considered income); the value of, as distinct from the income from, property acquired by gift, bequest, devise or descent; interest on federal, state, etc. securities, farm loan securities, War Finance Corporation bonds (in the case of federal obligations issued after September 1, 1917, exemption accords with the provisions of such obligations); payments through accident or health insurance and workmen's compensation; War Risk Insurance or Vocational Rehabilitation compensation and pensions from the United States; interest from purely building loan associations up to $300; rental value of dwelling furnished a minister; tax paid for taxpayer by debtor corporation on tax-free covenant bonds.

Deductions Allowed.—The deductions allowed from the gross income in order to arrive at the net income include ordinary and necessary business expenses, including salaries, rents, incidental repairs and insurance premiums on business property; interest paid or accrued on indebtedness, except indebtedness incurred (such as interest on money borrowed) to purchase any tax-free securities which are *not* federal obligations issued after September 24, 1917; federal taxes, except income, excess-profits and war profits taxes; normal state and local taxes; customs duties; business losses not met by insurance; worthless debts charged off during the taxable year; reasonable allowance for wear and tear and exhaustion of property; amortization of buildings and other property acquired for purposes of war production; gifts to charitable, religious, educational and similar specified institutions to the extent of 15% of taxpayer's net income; the gain from involuntary conversion of property where it is replaced.

Deductions *not* allowed are personal, living and family expenses, including life insurance premiums and alimony; investments of capital such as payments for new buildings or permanent improvements or restoring property for whose exhaustions the taxpayer has claimed a deduction.

Personal Exemptions Allowed as to Normal Tax Only.—Having computed the net income by subtracting the allowed deductions from the gross income, the following items may be credited against the normal tax only, *not against the surtaxes*:—Dividends from domestic corporations aside from certain ones with incomes derived largely from possessions of the United States; dividends from foreign corporations getting more than 50% of their gross income in the United States; interest upon United States obligations and War Finance Corporation bonds included in gross income; for a single person, $1,000; for head of family or married person living with wife or husband, $2,500, unless aggregate net income of wife and husband is above $5,000, when the exemption becomes $2,000 (but this last reduction in exemption shall not increase the tax by more than the amount of the income above $5,000); $400 for each dependent other than wife or husband under 18, or incapable of self-support; and taxes withheld at source or paid to foreign country which gives similiar reciprocity to United States citizens.

Normal Tax.—4% of first $4,000 of net income; 8% on remainder.

Surtaxes.—In addition to normal tax, and without allowance for the personal exemptions applying to the normal tax, upon the portions of the net income indicated, as follows:

$ 6,000-10,000...1%	$16,000-18,000...5%
10,000-12,000...2%	18,000-20,000...6%
12,000-14,000...3%	20,000-22,000...8%
14,000-16,000...4%	

And continuing by adding 1% for each $2,000, including a tax of 15% upon the net income between $32,000 and $36,000; 22% upon $48,000-$50,000; 35% upon $74,000-$76,000; 47% upon $98,000-$100,000; after which the rates are 48% upon $100,000-$150,000; 49% upon $150,000-$200,000 and 50% upon the amount by which the net income exceeds $200,000.

Surtax on Sales of Mines and Oil or Gas Wells, or any interest therein, where the principal value of the property has been demonstrated by prospecting done by taxpayer, shall not exceed 16% of the selling price of such property.

Special Tax on Capital Gain.—Instead of the above normal taxes and surtaxes upon his entire net income, the taxpayer may elect to pay those taxes upon his net income minus his net capital gain, plus a tax of 12½% upon his net capital gain.

Examples.—Single man without dependents, net income $4,000. Personal exemption, $1,000. No surtax.
Normal tax, 4% of $3,000.....$120

Married man with four children and one other dependent, net income $5,000. Personal exemption, $4,500. No surtax.
Normal tax, 4% of $500 .....$20

Married man with two children, net income, $8,000. Personal exemption (on normal tax only), $2,800.

Normal tax,	4% of $4,000.....	$160
	8% of $1,200.....	96
Surtax,	1% on $6,000-$8,000.....	20
	Total tax	$276

Married man with no children nor dependents. Net income, $11,000. Personal exemption (normal tax only), $2,000.

Normal tax,	4% of $4,000.....	$160
	8% of $5,000.....	400
Surtax,	1% of $6,000-$10,000.....	40
	2% of $10,000-$11,000.....	20
	Total tax	$620

Married man with three children and one dependent, net income, $14,000. Personal exemption (normal tax only), $3,600.

Normal tax,	4% of $4,000.....	$160
	8% of $6,400.....	512
Surtax,	1% of $6,000-$10,000.....	40
	2% of $10,000-$12,000.....	40
	3% of $12,000-$14,000.....	60
	Total tax	$812

Total Taxes by Incomes.—The following table shows the total tax on net incomes listed, on the basis of the taxpayer being a married man without children or dependents.

Net Income	*Total Tax*	*Net Income*	*Total Tax*
$ 2,500.....	None	$ 30,000...$	3,520
3,000.....	$ 20	40,000...	5,840
4,000.....	60	50,000...	8,640
5,000.....	100	70,000...	15,740
6,000.....	160	100,000...	30,140
8,000.....	340	150,000...	58,140
10,000.....	520	200,000...	86,640
12,000.....	720	300,000...	144,640
16,000.....	1,180	500,000...	260,640
22,000.....	2,040	1,000,000...	550,000

The following table shows the number of incomes in the United States in the different groups, as shown by the returns for the year 1919, made public in 1922:

Income Group	*Number in Each Group*	*Number over Group Below*	*Per cent over Group Below*
$1,000 to $2,000	1,924,872	5,332,760	100%
$2,000 to $3,000	1,569,741	3,407,888	64.91
$3,000 to $4,000	742,334	1,838,147	34.48
$4,000 to $5,000	438,154	1,095,813	20.56
$5,000 to $8,000	350,398	657,659	12.33
$8,000 to $15,000	186,305	307,261	5.77
$15,000 to $25,000	64,633	120,956	2.30
$25,000 to $50,000	37,477	56,323	1.06
$50,000 to 100,000	13,320	18,846	.36
$100,000 to $150,00	2,983	5,526	.11
$150,000 to $300,000	1,864	2,543	.05
$300,000 to $500,000	425	679	.014
$500,000 to $1,000,000	189	254	.005
$1,000,000 and above	65	65	.001
Total personal returns	5,332,760		

The following table shows the amount of the net income (gross income less deductions) in the classes below, together with the total personal income tax collected, in 1919:

Income Group	*Net Income* *Amount*	*Per Cent*	*Tax Collected* *Amount*	*Per Cent*
$1,000 to $2,000	$ 2,829,113,151	14.25%	$ 24,696,200	1.95%
$2,000 to $3,000	3,807,286,365	19.17%	$ 28,257,861	2.23%
$3,000 to $5,000	4,513,264,030	22.72%	75,914,847	5.98%
$5,000 to $10,000	2,954,137,253	14.87%	91,537,910	7.21%
$10,000 to $25,000	2,412,275,757	12.15%	164,832,523	12.98%
$25,000 to $50,000	1,277,364,635	6.43%	154,946,343	12.20%
$50,000 to $100,000	986,497,209	4.51%	186,357,608	14.68%
$100,000 to $150,000	358,392,923	1.81%	118,705,303	9.35%
$150,000 to $300,000	371,148,536	1.87%	163,095,349	12.85%
$300,000 to $500,000	159,070,948	.80%	86,031,032	6.78%
$500,000 to 1,000,000	128,290,396	.65%	76,228,132	6.00%
$1,000,000 and above	152,650,245	.77%	99,026,996	7.79%
Totals	$19,859,491,448	100.00%	$1,269,630,104	100.00%

The following table shows, by percentages, the sources of the personal incomes reported for 1919 according to the several groups listed below:

Income Groups	Wages and Salaries	Business	Partnership* Profits	Profits from Sales of Real Estate, Stocks, Bonds	Rents and Royalties	Dividends	Interest and Investment Income	Total Income
$1,000 to $2,000	77.25%	8.95%	1.50%	2.30%	3.83%	1.44%	4.73%	100.00%
$2,000 to $3,000	69.14	16.31	2.54	1.71	4.34	2.04	3.92	100.00
$3,000 to $5,000	52.50	23.97	5.14	3.66	5.60	3.99	5.14	100.00
$5,000 to $10,000	36.60	26.03	9.22	6.26	5.34	9.23	7.32	100.00
$10,000 to $20,000	32.70	16.89	12.14	6.79	4.85	17.75	8.88	100.00
$20,000 to $40,000	28.36	12.40	14.30	6.39	4.00	24.67	9.88	100.00
$40,000 to $60,000	23.39	10.57	16.83	6.66	3.51	28.68	10.36	100.00
$60,000 to $80,000	20.33	10.32	18.47	6.11	3.12	31.55	10.10	100.00
$80,000 to $100,000	19.25	8.60	20.83	6.37	2.72	31.76	10.47	100.00
$100,000 to $150,000	15.40	8.88	23.15	5.73	2.84	33.50	10.50	100.00
$150,000 to $200,000	12.41	7.74	24.15	6.06	2.25	33.50	11.89	100.00
$200,000 to $250,000	11.26	8.20	27.74	5.03	2.32	33.21	12.24	100.00
$250,000 to $300,000	9.80	6.55	29.11	4.85	2.63	35.54	11.52	100.00
$300,000 to $500,000	8.19	8.12	25.36	4.48	1.81	38.38	13.66	100.00
$500,000 to $1,000,000	5.38	4.41	21.26	5.18	2.52	47.44	13.81	100.00
$1,000,000 to $1,500,000	1.34	7.73	23.50	11.93	5.95	37.91	11.64	100.00
$1,500,000 to $2,000,000	8.54	6.40	25.62	26.31	1.07	27.21	4.85	100.00
$2,000,000 and over	.32	.....	3.34	22.54	2.23	61.10	10.47	100.00
Percentages all groups	47.94%	17.28%	8.16%	4.45%	4.54%	10.94%	6.69%	100.00%

*Includes Personal Service Corporations.

The following table shows the classification of personal income tax returns for 1919 by states:

State or Territory	$1,000 to $2,000.	$2,000 to $3,000.	$3,000 to $4,000.	$4,000 to $5,000.	$5,000 to $7,000.	$7,000 to $10,000.	$10,000 to $15,000.	$15,000 to $20,000.	$20,000 to $30,000.	$30,000 to $50,000.	$50,000 to $100,000.	$100,000 to $200,000.	$200,000 to $300,000.	$300,000 to $500,000.	$500,000 to $1,000,000	$1,000,000 and above.	Total Returns.
Alabama	13,503	14,888	5,382	2,517	1,961	1,180	685	264	226	123	50	10	...	...	...	...	40,789
Alaska	5,121	3,238	1,000	3	30	20	8	2	4	1	...	...	...	...	...	...	9,427
Arizona	7,525	9,571	2,247	1,229	963	497	248	98	63	35	15	3	1	...	...	...	20,495
Arkansas	6,776	13,300	5,498	3,014	2,340	1,282	726	283	199	96	37	4	1	...	...	...	33,556
California	99,105	70,425	38,024	23,681	14,792	9,117	5,569	2,275	1,839	1,168	551	136	25	9	2	2	266,720
Colorado	20,633	18 251	7,379	4,154	3,561	1,874	854	328	243	143	80	20	4	2	...	...	57,526
Connecticut	54,714	30,157	9,986	5,505	3,578	2,440	1,636	748	679	416	269	62	12	6	1	...	110,409
Delaware	7,107	5,117	1,497	670	640	368	246	130	112	85	50	24	3	5	3	2	16,059
Dist. Columbia	32,927	13,084	4,820	2,972	2,079	1,137	696	344	262	166	94	26	5	3	1	...	58,616
Florida	10,491	9,618	4,582	2,541	1,819	940	561	238	182	92	31	9	1	1	1	...	31,107
Georgia	15,758	19,585	9,664	5,797	3,547	2,091	1,212	527	377	247	103	18	3	1	...	...	58,930
Hawaii	1,529	1,530	1,418	721	363	215	136	59	56	51	47	8	1	2	...	...	8,136
Idaho	7,167	6,756	3,394	1,995	1,356	500	240	81	37	16	5	1	...	...	...	...	21,448
Illinois	131,669	116,582	66,307	47,505	26,868	15,080	8,424	3,533	2,892	1,887	1,078	314	41	34	11	4	422,229
Indiana	43,300	45,252	18,948	10,821	5,852	2,847	1,723	610	575	270	148	32	3	2	...	...	130,383
Iowa	24,058	31,444	32,439	24,039	11,972	5,511	2,649	825	518	246	83	12	...	...	...	...	133,796
Kansas	19,697	24,009	14,131	10,017	4,305	2,206	1,117	369	278	154	50	14	3	...	...	1	76,451
Kentucky	16,040	18,969	9,531	6,623	3,752	2,193	1,175	451	378	171	78	10	...	1	...	...	59,332
Louisiana	20,385	15,824	5,789	2,991	3,232	1,901	1,203	554	450	322	158	51	5	6	...	...	52,871
Maine	13,122	10,441	4,579	2,811	1,692	929	503	179	170	98	42	8	1	2	1	...	34,578
Maryland	47,895	34,727	14,860	6,384	5,041	2,994	1,943	890	827	477	238	80	10	2	2	3	116,373
Massachusetts	96,641	79,715	38,460	22,486	10,348	7,209	5,200	2,518	2,489	1,707	1,039	377	72	32	11	4	268,307
Michigan	65,034	55,719	25,258	15,880	8,807	4,591	2,849	1,228	1,051	671	341	99	20	3	2	9	181,662
Minnesota	48,837	42,196	14,590	6,791	5,209	3,044	1,546	644	497	302	190	54	9	3	2	...	123,914
Mississippi	6,058	7,465	3,408	2,498	1,842	1,035	676	316	262	163	64	14	3	...	...	...	23,804
Missouri	42,820	36,801	17,458	10,454	7,682	4,341	2,603	1,138	956	601	329	48	10	5	2	...	125,248
Montana	19,637	14,234	4,574	2,094	1,062	518	262	100	69	33	5	4	...	...	1	...	42,593
Nebraska	29,762	25,729	13,429	7,411	5,788	2,876	1,396	441	297	142	64	5	2	2	...	...	87,344
Nevada	4,635	2,499	845	354	199	124	56	16	8	1	2	1	...	...	...	...	8,740
New Hampshire	10,850	7,556	3,116	1,858	969	562	340	134	103	71	34	4	3	1	...	...	25,601
New Jersey	82,168	70,095	36,212	18,694	10,033	5,995	3,785	1,625	1,507	914	513	163	32	13	6	2	231,757
New Mexico	3,171	4,791	1,215	685	471	219	127	27	28	16	7	...	...	...	...	...	10,757
New York	229,561	186,375	95,603	53,576	41,521	27,211	18,726	8,847	8,668	6,577	4,310	1,468	346	186	85	25	683,085
North Carolina	7,617	12,753	6,078	3,883	3,066	1,706	1,006	429	323	197	91	22	4	8	2	...	37,185
North Dakota	10,685	6,510	5,655	2,328	1,291	425	235	87	39	19	1	...	...	...	...	...	27,375
Ohio	119,452	96,224	37,298	21,301	13,604	8,551	5,157	2,292	2,045	1,396	663	163	30	17	15	1	308,309
Oklahoma	14,946	18,946	10,235	7,647	4,803	2,356	1,303	503	406	232	89	25	3	4	1	1	61,500
Oregon	19,815	13,368	6,866	4,148	2,578	1,282	831	320	225	144	53	25	2	4	2	...	49,663
Pennsylvania	244,689	152,630	58,459	31,453	19,440	13,204	8,036	3,688	3,332	2,195	1,315	476	83	53	30	9	539,172
Rhode Island	18,400	10,669	4,220	2,274	1,509	1,094	714	329	320	215	123	54	8	3	3	1	39,936
South Carolina	8,498	11,105	7,486	4,757	2,576	1,440	738	298	216	114	58	7	1	...	...	...	37,296
South Dakota	8,993	11,252	8,168	5,362	2,746	1,291	505	164	88	34	11	...	...	...	...	...	38,614
Tennessee	15,836	15,700	7,410	3,974	3,572	1,860	1,148	489	414	256	99	28	3	...	...	...	50,789
Texas	56,240	56,648	25,336	15,250	10,044	6,012	3,401	1,434	1,115	660	286	102	9	5	4	...	176,547
Utah	7,568	7,587	2,820	1,278	1,072	428	225	88	62	28	6	2	...	...	...	...	21,164
Vermont	5,247	3,915	1,773	1,562	654	451	219	97	62	48	34	5	1	1	...	...	13,569
Virginia	27,562	25,073	9,937	5,853	3,158	1,894	1,256	519	388	210	96	14	4	2	...	...	75,966
Washington	55,306	30,520	12,365	6,385	4,561	2,618	1,389	516	358	185	87	23	5	3	1	...	114,322
West Virginia	15,839	15,262	6,317	3,134	2,099	1,408	629	249	210	127	72	19	1	2	...	...	45,168
Wisconsin	42,245	40,005	14,124	8,400	5,185	2,865	1,539	629	449	258	120	30	1	2	...	...	105,793
Wyoming	7,238	6,631	2,203	912	647	340	201	75	61	28	11	1	1	...	...	...	18,349

The classification of the personal returns in 1919 was as follows:

	Returns	*Net Incomes*
Joint returns of husbands and wives and of husbands whose wives filed separate returns	2,858,597	$13,209,748,645
Wives making separate returns from husbands	58,534	465,379,857
Single men, heads of families	362,797	1,205,019,774
Single women, heads of families	88,595	307,539,700
Single men, all other	1,602,277	3,665,857,811
Single women, all other	361,960	1,005,945,661
Totals of Returns and Incomes	5,332,760	$19,859,491,448

The following table shows the net personal incomes from individual businesses in 1919, according to the several industrial groups:

Industries	*Number of Returns*	*Net Income*
Agriculture and related industries	418,945	$1,211,260,562
Trade	254,645	1,006,377,364
Public service—professional, amusements, hotel, etc	257,554	852,040,287
Manufacturing	55,488	307,182,147
Finance, banking, insurance, etc	45,882	184,105,486
Construction	27,310	82,924,184
Transportation and other public utilities	19,563	63,779,611
Mining and quarrying	7,321	26,624,486
Special Cases—business not sufficiently defined to be classed with any other group	37,677	143,256,327
Total Returns and Incomes from Business	1,124,385	$3,877,550,454

The number of partnerships reported was 175,898 and personal service corporations, 4,758.

(*Continued from third page preceding*)

The following table shows the amount of the personal net incomes in 1919 free from the normal tax by reason of exemptions:

Net Income exempt from Normal Tax:	
Personal Exemptions	$ 9,424,293,200
Dividends	2,453,774,825
Interest on Government obligations not tax-free	63,377,222
Total Exemptions	$11,941,445,247
Net Income subject to normal tax	7,918,046,201
Total net income	$19,859,491,448

The following table shows the proportion of the net income for 1919 derived from personal service and from property:

Income from personal service:	
Salaries, wages, commissions, bonuses, etc	$10,755,692,651
Business, trade, commerce, partnership, farming, and profits from sales of real estate, stocks, bonds and other property	6,708,344,984
Total	$17,464,037,635
Income from property:	
Rents and royalties	$1,019,094,265
Interest, bonds, notes, etc.	1,500,779,100
Dividends	2,453,774,825
Total	$4,973,648,190
Total Income	$22,437,685,825
General Deductions	2,578,194,377
Net Income	$19,859,491,448

On the basis that persons with incomes of $40,000 and above are millionaires, there were 14,771 millionaires indicated in 1915; 22,696 in 1916; 26,190 in 1917; 20,944 in 1918; and 27,144 in 1919. The number of persons with the highest incomes in 1915, 1917 and 1919 was as follows:

Income Class	*1915*	*1917*	*1919*
Above $ 100,000	3,824	6,664	5,526
Above 300,000	705	627	679
Above 500,000	329	456	254
Above 1,000,000	120	141	65
Millionaires Indicated	14,771	26,190	27,144

Income Tax:

Amendment, text of, see Page 32A.
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Constitutional amendment proposed, 7390, 7391.
Continuation of, urged, 8716, 8717.
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Roosevelt, 7044, 7083.
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Upon consuls to United States discussed, 3383.
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Income-Tax Cases.—Famous cases involving the income-tax provision of the tariff laws of Aug. 28, 1894, and Oct. 5, 1913. The first to come before the Supreme Court was that of Pollock *vs.* Farmers' Loan and Trust Co., on appeal from the circuit court of the United States for the southern district of New York. April 8, 1895, it was decided that so much of the act cited as provided for levying taxes upon rents or incomes derived from real estate or from interest on municipal bonds was repugnant to the Constitution and therefore invalid. (See Hylton *vs.* United States.)

Upholding the constitutionality of the income tax law, the Supreme Court of the United States rendered a decision, January 24, 1916, in the case of Frank R. Brushaber against the Union Pacific Railroad. Brushaber sought to restrain the Union Pacific from paying the income tax at the source as provided for under the law and declared that the tax law of October 3, 1913, was unconstitutional. The basic error of those who attacked the constitutionality of the tax, Chief Justice White held, in the opinion handed down, was in regarding the Six-

teenth Amendment as empowering the United States to levy a direct tax without apportionment among the States according to population. In substance, the court held that the Sixteenth Amendment did not empower the Federal Government to levy a new tax, but that "the whole purpose of the amendment was to relieve all income taxes from a consideration of the source whence the income was derived." The court stated that the uniformity prescribed by the Constitution for Federal taxes is simply a geographical uniformity. At the same time the court stated that the Sixteenth Amendment impliedly sustained the court's ruling in the famous Pollock case, that the term "direct tax" meant something broader than a mere tax on realty, that it included taxes on personal property, and that such personal taxes must be apportioned according to population.

For the status of dividends in the form of stock under the Income Tax law, see Macomber vs. Eisner.

Incorporation, Federal, discussed by President—
Roosevelt, 7074, 7079.
Taft, 7449, 7453, 7458, 7522.
Wilson, 8771, 8816.
(See also Corporations, Trusts, Business.)

Independence Day.—Fourth of July, so-called because of the date of the Declaration of Independence, July 4, 1776. (See Declaration of Independence.)

Independence Day:
Celebration of, order concerning, 5079.
Claims. (See Fourth of July Claims.)
In France, 1918, celebration of, discussed, 8729.

Independence Day addresses of President Wilson, 7881, 7952, 8532.

Independence, Declaration of. (See Declaration of Independence.)

Independence Party.—This party was created largely by William R. Hearst in 1908, and held its convention in Chicago July 27. Hearst declined the nomination for Presidency, and the choice fell on Thomas L. Hisgen. For Vice President, John Temple Graves was nominated. The basic clause in the platform read: "Our action is based on a determination to wrest the conduct of party affairs from the hands of selfish interests, political tricksters and corrupt bosses, and make the Government as the founders intended, an agency for the common good." The platform generally favored the interests of labor.

Independent National Party.—A party which came into existence in 1876, to oppose resumption of specie payments. In 1880 it merged into the Greenback Party (q. v.). (See also Populist or People's Party.)

Independent State of Congo. (See Congo Free State.)

Independent Treasury. (See Subtreasury System.)

Independent Telegraph Co.—This telegraph line ran between Philadelphia and Boston, and in 1863 possession of it was taken as a military precaution.

Independent Voter, power of, 8031.

India.—The Indian Empire extends over a territory larger than the Continent of Europe without Russia. It is officially known as British India.

The Indian Empire adjoins Persia from the Gulf of Oman to near Zulfikar on the Harrirud; then the Russian Empire along the frontier laid down by agreement in 1885 as far as the Oxus at Khamiab; thence along the Oxus up to the Victoria Lake, and from the east end of that lake by the line demarcated in 1895 up to Povalo Schveikovski, where three empires—the British, Russian, and Chinese—meet. From this point the frontier—in many parts not yet clearly defined—touches the Chinese Empire, mainly along the crests of the Muztagh range and the Himalayas, till the limits of French Indo-China are reached on the Upper Mekong. The Indian frontier, on leaving the Mekong, adjoins Siam till it reaches the sea at Victoria Point, halfway down the Malay peninsula. Beyond the sea the Indian Empire includes the Andaman and Nicobar Islands, the Laccadive Islands, Aden and Perim, besides protectorates over Socotra, Bahrein, and various chiefships along the coast from Aden to the Persian Gulf. Continental India, including Baluchistan, reaches from 8° to 37° N. latitude, and from 61° to 101° E. longitude.

The Himalayas.—The Himalayas (which lie partly beyond the frontier), form the natural northern boundary of India. The Himalayan range runs for 1,500 miles from northwest to southwest, with a varying breadth of 150 to 200 miles, and attains a general height of 20,000 feet above the plain, culminating in the loftiest peaks yet measured on the globe—Mount Everest, 29,141 feet; Kunchinjunga, 28,146 feet, and Dhaulagiri, 26,826 feet, near the center of the range; and Mount Godwin Austen, 28,250 feet, near its junction with the Hindu Kush. Himalayan vegetation includes such varied species as the tree-fern, ilex, pine, oak, fir, deodar (cedar), rhododendron. The fauna of India is by no means less varied than the flora, including as it does, the bison, musk-deer, yak, wild sheep and goat, bear, elephant, monkey, and tiger, with eagles, partridges, and pheasants. Between the Himalayas and the plains to the southeast is the great fever-haunted Tarai or Duar jungle, densely forest-covered and full of big game.

The northern river-plains, lying at the foot of the Himalayas, comprise the rich alluvial plains watered by the Indus, the Ganges, the Lower Brahmaputra. At no great distance from one another, four rivers take their rise in the Himalayas.

The Deccan.—Just as the Himalayas on the north and the Hindu Kush and Suleiman Mountains on the northwest form natural barriers of defense for Hindustan, so do the Vindhya Mountains, running almost due east from the head of the Gulf of Cambay, north of the Nerbudda River, form a firm southern boundary to the river-plains of Northern India. Southern India, or the Deccan, is a plateau of triangular shape and very old geological formation, bounded on two sides by the Malabar and Coromandel coasts, which converge at Cape Comorin, and on the third by the Vindhyas. The Eastern and Western Ghauts all but complete this environing triangle of mountain ranges. In the extreme northwest, south of the Vindhyas, and parallel to them, but north of the Western Ghauts,

the Nerbudda and the Tapti flow westward. The physical geography of Southern India has shaped its history: the southwest coast, shut in by mountains, is very primitive and moves slowly; the southeast, open and easy of access by sea and toward the interior, has made great progress. The mountain slopes of this region, especially those of the Western Ghauts, which rise to 8,000 feet in the Nilgiris, are still covered with the splendid vegetation of primeval forests. Teak, ebony, satinwood, sandalwood, palm, and bamboo abound. The jungles in the east are very deadly. The tiger, bison, leopard, deer, and various smaller game afford sport. Snakes are found everywhere. In the valleys and higher plains many valuable crops are raised, chiefly rice, millet, cotton, oil-seeds, coffee, tea, indigo, tobacco, and chinchona. The black cotton soil is very fertile. There is irrigation by dams, wells, tanks, and canals.

History.—Ancient India is shrouded in mystery until the Hindu invasions, which began around 2,000 B. C. The Hindus were of Aryan stock, related to the dominant races in Europe today, and their literature and customs throw much light on the early history of the Aryan, or Indo-European, races. Step by step the Aryans conquered the native tribes which they found in India, but the first authentic date which has descended to us is 557 B. C., the reputed birth-year of Buddha. In 327 B. C., India was invaded and conquered by Alexander the Great of Macedonia, whose stay, however, was short and whose influence over India was negligible. In the following centuries, the land became a prey to outside invasions and influences.

At the end of the third century A. D., the Gupta dynasty came into power in India, and continued to rule the country until early in the sixth century. Then the Hindu power declined, the country fell apart into innumerable petty realms and the central authority almost disappeared.

At the very beginning of the eleventh century, Mohammedan invaders entered India and conquered the Hindus, gradually building up a strong empire. This Mogul empire was at its zenith of power under Aurungzebe, at the end of the seventeenth century. The eighteenth century, however, saw once more the decline of the central authority. The country suffered from a Persian invasion and was practically dismembered.

As early as 1492, Portuguese traders had touched at India, and in the following century the Portuguese, Venetians, Genoese and Dutch established trading posts there. The English came in 1602, made their posts stable and began to tap the resources of India. The French also established themselves strongly, and by the early years of the eighteenth century it had become evident that the French and English would clash for the political ascendancy on which the commercial control of the country was coming more and more to depend. In the wars in the middle of the eighteenth century, the British, under Clive, succeeded in driving the French out, and the East India Company, which had been chartered to control the Indian trade, became supreme in the land in the following years. As a private company, it naturally looked only to its own gain, and not at all to the welfare of the natives; with the result that toward the end of the century, the home government began to regulate and reform the company. The extension of British control in India was marked by constant struggles with the many native rulers; and after the serious Sepoy rebellion, which began in 1857, the British Government itself took over the control of India (1858). In 1877, Queen Victoria added "Empress of India" to her title, and in 1911 George V came to India to be crowned its emperor.

Of later years, Great Britain has carried out many and extensive reforms in India, looking to improvement of the wretched condition of the natives and to the development of self-government. However, the nationalistic movement in India for freedom from British domination has more than kept pace with these reforms, so that by the end of the World War in 1920 Great Britain was compelled to resort to stringent legislation and often to armed force in order to put down the revolts and to forestall the movement for independence.

Ethnography.—Besides English the following languages are spoken: Bengali, Western Hindi, Bihari, Eastern Hindi, Telegu, Marathi, Punjabi, Tamil, Rajasthani, Kanarese, Gujarathi, Oriya, Burmese, and Malayalam. The number speaking Hindi was 82,000,000 and those speaking Bengali numbered 48,370,000. The chief religions were represented as follows:—Hindus, 217,586,892; Mohammedans, 66,647,299; Buddhists, 10,721,453; Animistic, 10,295,168; Christians, 3,876,203.

AREA AND POPULATION

Political Divisions	Area in English Sq. Miles	Population
Madras Presidency	141,726	41,405,404
Bombay Presidency	123,059	19,672,642
Bengal Presidency	78,699	45,483,077
Agra and Oudh	107,164	47,182,044
Ajmer Merwara	2,711	501,395
Andamans and Nicobars	3,143	26,459
Assam	53,015	6,713,635
Baluchistan	54,228	414,412
Bihar and Orissa	83,181	34,490,084
Burma	230,839	12,115,217
Central Province and Berar	99,823	13,916,308
Coorg	1,582	174,976
Delhi	557	391,828
N. W. Frontier Province	13,418	2,196,933
Punjab	99,222	19,974,956
Total British Territory	1,093,074	244,267,542
Native States and Agencies	709,118	70,864,995
Total Indian Empire	1,802,192	315,132,537

The principal towns are Calcutta, 1,222,313; Bombay, 979,445; Madras, 518,660; Hyderabad, 500,623. The capital is Delhi, 232,837. There are 17 cities with a population exceeding 150,000.

Government.—The present government of India is based on the Government of India Act of 1915, as amended in 1916. The nominal ruler is the British king, who is also Emperor of India. The Government of India in Great Britain lies in the hands of the Secretary of State for India, who is selected by the prime minister. He is assisted by a council of from ten to fourteen members, appointed by him for terms of seven years. At least nine of the council must have lived at least ten years in India and have left it not more than five years previous to their appointment. No member of the council may sit in Parliament and any member may be removed upon an address by both houses of Parliament.

The Council has no authority to initiate legislation, its duties being to conduct the

business relating to India which is transacted in the United Kingdom. The expenditures of the revenues of India, both in India and elsewhere, is subject to the control of the Secretary of State for India. However, in certain delicate matters such as foreign relations and peace and war, the secretary may act on his own authority. In 1919, a native Indian was appointed *Under*-Secretary of State for India.

The executive power in India is vested in the Governor-General, who is assisted by a council of six members and the commander-in-chief of the Indian army. These members are appointed by the British Government. There are eleven executive departments. The Council is expanded into a legislative council of 68 members by nominations by the Governor-General and by native elections. There is especial provision for the representatives of Mohammedans. Subject to certain restrictions, this legislative council makes the laws for India. The administration of India is divided into fifteen departments. The legislative bodies of the departments are combinations of members from the executive councils of the departments and nominated and elected members. The departments are divided into divisions under commissioners, and thence into districts. The latter, 267 in number, are the administrative units.

Besides the central government, there are seven hundred or so Indian states under their native rulers, but the latter are guided, especially in military and foreign affairs, by a representative of the central government at each of their courts. Local government is largely in the hands of the natives.

Of the native states and agencies, the more important include Hyderabad, with an area of 82,700 square miles and a population at the last census of 13,374,675; Rajputana Agency, 128,987 square miles, 10,530,432; Central India, 77,367 square miles, 9,356,980; Bombay states, 63,864 square miles, 7,411,675.

The Presidencies of Madras, Bombay and Bengal, and also the Northwestern Provinces, have each a high court, supreme both in civil and criminal business, with an ultimate appeal to the judicial committee of the privy council in England.

Finance.—The annual budget of recent years has been in the neighborhood of $500,000,000. The most important sources of revenue are the taxes on land, excises, and customs. The net receipts on the railways of recent years have been above $100,000,000.

Education.—A Department of Education has been created, and increased attention is being given to primary, commercial, and technical education. There are five Universities, viz., those of Calcutta, Madras, Bombay, Allahabad, and the Punjab.

Almost 95% of the people are illiterate. For males, there are 183 universities, with 47,000 students; 117,000 primary schools with 4,600,000 students, the total number of institutions for both sexes being 185,600, with 7,500,000 students.

Army.—The Army in India consists, first, of British troops, about 76,000; and, secondly, of native troops (largely Muhammadans), about 160,000. In addition, the native Army Reserves number 34,600 men, and the Imperial Service troops furnished by native states contribute 22,350, including cavalry, transport corps, and suppers. Further, there are 39,000 European and Eurasian volunteers (efficients).

Production and Industry.—About two-thirds of the population depend on agriculture. The cotton industry supports over 7,500,000 persons, more than two-thirds of whom depend on hand-weaving. There are 5,500,000 persons in Government service, civil or military. The State is the paramount landlord in India, and the land revenue is the State's share in the rent of the soil. In British India the total area cropped was 265,000,000 acres, according to the most recent figures. The acreage and production were shown as follows:—

Crop	*Acreage*	*Tons Yield*
Rice	80,080,000	34,791,000
Wheat[1]	32,940,000	10,234,000
Cotton[1]	21,745,000	4,592,000[2]
Jute[3]	2,736,900	8,864,000[2]
Sugar Cane	2,416,000	2,730,000
Tea	648,900	368,429,000[4]

[1]Including native states. [2]Bales. [3]Excluding Nepal. [4]Pounds.

Latest figures show some 48,000,000 acres under irrigation. Government irrigation accounted for 26,000,000 acres. About 245,000 square miles of forests are reserved and protected by the state.

The latest figures show the value of the annual mineral production as follows:—Coal, $22,000,000; Gold, $10,500,000; Petroleum, $5,000,000; Manganese-ore, $7,000,000; Salt, $4,500,000. Total mineral production, $65,000,000.

The last census showed some 225,000,000 engaged in agriculture and pasture and slightly more than 35,000 in industry.

The ancient village handicrafts still survive, though they suffer more and more from the competition of machine-made goods. Cotton-weaving is by far the most important hand industry. Power mills have grown up under European auspices, but are now largely owned by natives. The 236 cotton mills in operation employ a daily average of 256,000 persons. The 74 jute mills employ a daily average of 262,000. The factories for cotton-ginning, -cleaning, etc., number more than 1,000 and employ a daily average of more than 100,000. Figures for the cotton-spinning for a recent year show 6,640,381 spindles, 660,575,000 yards of yarn, 115,196 looms, 381,404,169 pounds of cloth produced.

Some 750,000 persons are employed in the tea industry. There are some 210,000 employees in and around mines.

The latest figures show annual imports valued at $525,000,000 and exports valued at $800,000,000. Most of the trade is with the United Kingdom. There are large imports also from Japan and the United States, and the sum total of the exports to Japan and the United States about equals the exports to the United Kingdom. There is a large export trade also to Egypt. The chief import is cotton manufactures, including twist and yarn, followed by sugar and metals and ores. The chief exports are manufactured jute, raw cotton, rice, wheat and wheat flour, tea, hides and skins and manufactured cotton.

For the last year for which figures are available, the United States exported to India goods valued at $67,505,528 and imported from India goods valued at $140,081,000.

Railways.—Nearly all the railways in India are owned by the State and administered by a Railway Board, though many are leased to and worked by companies. The mileage open to traffic is 36,333.

There are 70,000 post-offices and letter-boxes, 10,560 telegraph offices and more than 21,000 telephone connections. The telegraph line covers 87,715 miles, with 348,000 miles of wire.

Madras was not only the oldest, but the most important, of the three original Presidencies of India before Clive's conquest of Bengal.

Bombay.—The island of Bombay was part of the dowry of the Infanta of Portugal (1662), and was made over by Charles II. to the East India Company in 1668. The greater part of the present territory was obtained by annexations from the Mahrattas, and by the lapse of the Satara State.

Bengal was placed under a Lieutenant-Governor in 1854, and was created a Presidency, under a Governor, in 1911. The old Bengal Presidency included practically all Northern and Central India, but the present administration comprises only a part of its former limits.

Bihar and Orissa Province was formed on April 1, 1912. The great bulk of the people are Hindus, and the great temple of Juggernaut (Puri) is in Orissa.

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Indian Treaties. (See Indians, treaties with.)

Indian Tribes:
Abnaki or Tarrateen—A confederacy of tribes of the Algonquian stock of Indians, who originally inhabited the northeastern part of the United States, including the present State of Maine and parts of adjoining states, and a portion of Canada. The Abnaki included the Penobscot, the Passamaquoddy, and the Amalicite tribes. They assisted the French in their wars with the English and were expatriated by the latter. The name is interpreted as meaning "the whitening sky at daybreak," i. e., Eastern people.
Absentee Shawnee, agreement between Cherokee Commission and, 5514.
Proclaimed, 5591.
Alabama, encouraged to reduce themselves to fixed habitation, 446.

Algonquin—A tribe of the Algonquian stock of Indians. At the time of the advent of white settlers into America the Algonquian linguistic division occupied by far the largest area of any of the Indian nations. The name means "those on the other side of the river"—that is, the river St. Lawrence. They were spread over the territory from Labrador to the Rocky Mountains and from Hudson Bay to Pamlico Sound. Though this territory was not exclusively peopled by Algonquian Indians, some of their tribes had wandered to the west and south through hostile nations and established their family beyond the limits of the present stock. There were hundreds of divisions of these Indians into tribes and confederacies, the principal of which were the Algonquin tribes. The latter tribe, from which the stock takes its name, occupied the basin of the St. Lawrence and its northern tributaries in Canada. They allied themselves with the French in the early wars.

Apache—A confederation of the Athapascan stock of North American Indians, consisting of a dozen or more tribes. In 1598 they inhabited northwestern New Mexico, and later spread over the valley of the Gila River. By 1800 their range extended from the Colorado River eastward to central Texas, and later they made incursions into Mexico as far south as Durango. They were the terror of the early Spanish settlers, and since the annexation of their territory to the United States they had given the Government much trouble under the leadership of such famous braves as Cochise, Mangus, Colorado, and Geronimo. White settlers opposed the plan of the Government to remove the Apaches to a reservation in New Mexico, and on April 30, 1871, over one hundred of the Indians were massacred at Fort Grant, Ariz.
Apache—
Agreement between Cherokee Commission and, 5768.
Appropriation for support of, etc., recommended, 4692.
Imprisonment of, by Government discussed and recommendations regarding, 5374, 5485, 5501, 5968.
Suppression of hostilities among, discussed, 4524, 4637, 4943, 5099, 5374.
Treaty with, 2727, 2762, 3394, 3573, 3796.
War with. (See Indian Wars.)
Apalachicola, treaty with, 1256.

Arapaho—A tribe of the Algonquian stock of Indians living on the headwaters of the Platte and Arkansas rivers, also ranging from the Yellowstone to the Rio Grande. The name is said to signify "tattooed people." They are at present divided between two reservations, one (the Arapaho) in Indian Territory, and the other (the Shoshone) in Wyoming.

Arapaho—
Agreement between Cherokee Commission and, 5565.
Lands acquired under, opened to settlement, 5710.
Appropriation to, recommended, 5761.
Disarming of, discussed, 4849.
Lands set apart for, referred to, 4680, 4778.
Treaty with, 3234, 3573, 3796, 3835.
Arickaree, allotment of lands in severalty to, referred to, 4783.

Aztecas or *Aztecs*—A branch of the Nahuatl stock of Indians, supposed to be the original inhabitants of Mexico. They appeared in the valley of Mexico about the middle of the thirteenth century, and are said to have been journeying southward for 600 years. The conquest of Mexico by Cortez in 1519 put an end to the power of the confederacy between the Aztecas, Tezucans, and the Tepanecans. From analogy of language it is probable that they crossed the Pacific Ocean by the way of the Aleutian Islands from Asia. There are, however, various theories as to their origin. They founded Tenochtitlan on the present site of the City of Mexico in 1325, and ruled an empire of 30,000,000 people. They were well advanced in the arts and sciences, as is evidenced by the remains of their temples, roads and waterways. Only about 2,000,000 pure-blooded Aztecas are left in the mountains of Mexico. In stature they are small and somewhat resemble the Egyptians.

Bannock—
Agreement with, for disposal of lands for use of railroads, 4655, 4779.
Treaty with, 3898.
War with. (See Indian Wars.)
Belantse-Etoa. (See Minnetaree.)

Blackfeet—A savage and warlike tribe of the Siksika Confederation of the Algonquian stock of Indians. When not fighting among themselves they are generally at war with their neighbors. They formerly belonged to the Kena tribe, but separated from them and wandered up the Missouri River. The Sihasapa, an independent tribe, under the leadership of John Grass, was also known as the Blackfoot or Blackfeet Indians.

Blackfeet, treaty with, 2895, 3898.
Caddo—
Memorial from, regarding claims to lands in Oklahoma, 5671.
Treaty with, 1407.
Cahokia, treaty with, 616.
Calapona, treaty with, 2836.

Carib—A powerful and warlike tribe of Indians who occupied the northern part of South America and the Windward or Caribbee Islands. Columbus encountered them at Guadelope and had a battle with them at Santa Cruz in 1493. After many disastrous wars with the Europeans and becoming mixed with fugitive negro slaves, they were transported to the vicinity of Honduras, where their descendants, the Black Caribs, now live.

Carmanchee, treaty with, 1407.

Cayuga—A small tribe of the Iroquois Confederacy of Indians (also called the Six Nations). They originally inhabited the district in the vicinity of Cayuga Lake, N. Y. During the Revolution they joined the British in making war on the colonists. They annoyed Gen. Clinton on his march to join Sullivan in 1779 and their villages were destroyed. After the war they ceded most of their lands to the State of New York and the tribe became scattered and almost totally disappeared. There are remnants of them in Oklahoma, Wisconsin, and Ontario, Canada. Their number is now insignificant.

Cayuse, treaty with, 2914.
Chasta, treaty with, 2836.
Chayenne. (See Cheyenne.)

Cherokee—An important tribe of the Iroquian stock of Indians. The name means "upland field." When first known to Europeans they occupied the mountains of southern Virginia, North and South Carolina, Georgia, Alabama, and Tennessee. In 1755 they ceded lands to Governor Glen and permitted the erection of forts within their territory. As the country about them filled up with whites they made repeated cessions of their territory until by the treaty of 1835 they sold all the remainder of their lands and removed west of the Mississippi River. The Cherokees rendered important service to Jackson's army in the War of 1812. They are now the most important and highly civilized tribe in Oklahoma.

Cherokee—
Act directing payment of certificates of, reasons for applying pocket veto to, 2182.
Agreement with, for cession of lands, 5671.
Bill for payment of money claimed by Eastern, 4971.
Bill securing to, proportion of proceeds of public lands, 4971.
Boundary line with United States, 1037.
Canal through country of, referred to, 987.
Citizenship solicited by, 442.
Commission to negotiate with, regarding claims to lands. (See Cherokee Commission.)
Commissioners' negotiations with, in the Indian Territory, 6271.
Conflict between Federal and Cherokee courts, 2909.
Convention with, referred to, 556, 834.
Difficulties among, 2262, 2279, 2308, 4743, 4744.
Enforcement of payment of taxes on products of, referred to, 4005.
Investigation of alleged frauds in affairs of, discussed, 2073.
Lands—
Containing iron ore relinquished to United States, 431.
Granted to, 1716.
Relinquished to United States, 108, 375, 384, 436, 808, 887, 1274, 1716.
Legal services rendered, payment of, recommended, 4694.
Neutral lands, treaty regarding, 3717.

New government to be formed by, 965.
Payment of—
Interest due, referred to, 2832.
Money to, 1716, 1823.
For lands ceded to United States, requested by, 4670, 4739.
Referred to, 1039, 4743, 4781.
Removal of, referred to, 1692, 1714, 4671.
Town of, destroyed, proclamation regarding, 129.
Treaty with, 71, 98, 103, 118, 167, 250, 271, 320, 378, 385, 389, 556, 566, 567, 589, 616, 811, 834, 968, 992, 1256, 1274, 1444, 1445 1449, 1475, 1823, 2307, 3592, 3717.
Appropriation for, referred to, 2434.
Claims arising under, 2073, 2410.
Communication and agreement with Comanche, 5768.
Modification of, referred to, 1694.
Proclamation regarding, 72.
Trespasses upon lands of, by citizens of Georgia, 1039.
Troubles apprehended from, prevented, 1473.
War with. (See Indian Wars.)

Cheyenne—A tribe of the Algonquian stock of Indians. The word means "enemies." About 1800 they inhabited a region in and about the Black Hills and along the Platte River in Nebraska and the Cheyenne River in Dakota. In 1825 Gen. Atkinson made a treaty of peace with them. After this the tribe separated, and while the northern band located on the Tongue River Reservation, in eastern Montana, and remained peaceable, numerous encounters occurred between the settlers and the soldiers and the southern section of the tribe. Failure to fulfill their treaty obligations led to war in 1861. While negotiations for peace were being conducted in 1864, Col. Cheventon attacked the Sandy Creek village and massacred 100 Cheyennes. A bloody campaign followed. In 1865 the Indians agreed to go on a reservation, but the Dog Soldiers, whose village was burned by Gen. Hancock in 1867, kept up the warfare until defeated by Gen. Custer at Washita.

Cheyenne—
Agreement between Cherokee Commission and, 5565.
Lands acquired under, opened to settlement, 5710.
Appropriation to, recommended, 5761.
Authority to use certain funds for subsistence of, recommended, 4989.
Condition of, referred to, 4951, 5503.
Disarming of, discussed, 4849.
Disorderly conduct of, discussed, 4943.
Lands set apart for, referred to, 4680.
Title to, referred to, 4778.
Treaty with, 887, 912, 3234, 3573, 3796, 3835.
War with. (See Indian Wars.)
Chickamauga, depredations committed by, 118.

Chickasaw—A tribe of the Muskhogean stock of Indians, originally inhabiting the southern portion of the United States, mostly in the present States of Mississippi and Tennessee. In the eighteenth century their villages were about Pontotoc County, Miss., and their principal landing place Memphis. The treaty of 1786 fixed their northern boundary at the Ohio River, and as early as 1800 a part of the tribe migrated to Arkansas. In the early colonial wars they took the part of the English against the French, and in 1739 entered into friendly relations with Gen. Oglethorpe. In 1765 they met the Choctaws and whites at Mobile and entered into friendly trade relations. During the Indian wars generally they continued peaceful, aiding the whites against the Creeks in 1793. By treaties of 1805, 1816, and 1818 they ceded all their lands east of the Mississippi. In 1832 and 1834 they ceded the remainder of their lands and went to live with the Choctaws, with whom they dwelt harmoniously until 1855, when they were separated. During the early days of the Civil War they sided with the South.

Chickasaw—
Agreement with Choctaws referred to, 2835.
Appropriation to pay claim of, for lands ceded, recommendations regarding, 5637, 5664, 5761.
Boundary line with Choctaws, 2838.
Claims of, referred to, 2286, 2287.
Commissioners to treat with, for cession of lands, discussed, 6271.
Deed for release by, of lands, discussed, 5637, 5664, 5761.
Funds of, to be invested, 1406, 2719, 2726, 2736, 2808, 2828, 2893.
Lands ceded to, 108.
Lands ceded to United States by, 375.
Lands of, sold, 1810.
Removal of, 1715.
Stock of, to be transferred to Choctaws, referred to, 1837, 2271.
Subsistence to be granted, 1725.
Treaty with, 320, 378, 385, 566, 567, 614, 616, 1170, 1172, 1271, 1499, 2692, 2885, 3583.
Proclamation regarding, 72.

Chippewa—A tribe of the Algonquian stock of Indians, also known as the Ojibwa. They lived on the shores of Lakes Huron and Superior and extended westward to North Dakota. They allied themselves with the British during the Revolution, but made peace in 1785 and 1789. The confederacy formed by the Ojibwas, the Ottawas, and Pottawottomis was called the Three Fires. Having joined in the Miami uprising and been subjugated by Gen. Wayne, they again made peace in 1795. They renewed hostilities in 1812, but again came to terms in 1816, relinquishing all their lands in Ohio. Other treaties ceding lands were made, and by 1851 most of the tribe had moved beyond the Mississippi River.

Chippewa—
Agreement with, for cession of lands, 5781.
Agreements with, referred to, 5123.
Allotment of lands in severalty to, bill for, 4776.
Commission to negotiate with, 5500.
Disposition of bonds and funds of, referred to, 4660.
Negotiations with, for improvement of condition of, 4956.
Outbreak among, 6346.
Relinquishment of agreement with Ottawas, referred to, 3900.
Removal of, 1715.
Treaty with, 378, 422, 554, 566, 567, 590, 616, 635, 650, 913, 931, 940, 961, 963, 989, 996, 1027, 1029, 1257, 1345, 1444, 1447, 1498, 1612, 1622, 1646, 1733, 2063, 2304, 2414, 2829, 2835, 2838, 2884, 2954, 3110, 3363, 3397, 3400, 3403, 3411, 3460, 3581, 3718, 3835, 3900, 6286.
Instructions to commissioners negotiating, 6271.
Transmitted for exercise of powers for fulfilling, 6271.
Chippeway. (See Chippewa.)
Cho-bah-áh-bish, treaty with, 2912.

Choctaw—A tribe of the Muskhogean stock of Indians, originally occupying lands along the Gulf of Mexico. They were generally considered a friendly tribe, having acknowledged the sovereignty of the United States as early as 1786. They served in the war against England and in the Creek War. In 1820 they ceded part of their lands to the Government for territory west of Arkansas. In 1830 they ceded the remainder of their lands and moved west. Georgia assumed control of their lands in the East, granting them rights as citizens. New treaties were made in 1866. Their descendants now live in Oklahoma.

Choctaw—
Agreement with Chickasaws referred to, 2835.
Appropriation to pay claim of, for lands ceded, recommendations regarding, 5637, 5664, 5761.
Balance remaining from sales of orphan reservations of, 2910.
Boundary line with—
Chickasaws, 2838.
United States, 331, 338.
Claim of, to Greer County, 6122.
Claims of, referred to, 1348, 1353, 1613, 2286, 4463.
Opinion of Attorney-General regarding, referred to, 2433.
Commissioners to treat with, for cession of lands, discussed, 6271.
Deed for release by, of lands, discussed, 5637, 5664, 5761.
Lands of, proposition regarding cession of, 422.
Memorial from, regarding alleged violation of treaty by United States, 2003.
Proceedings of commission referred to, 2129.
Proceeds of sales of lands to be invested for, 1406.
Referred to, 1125.
Removal of, 1715.
Stock of Chickasaws to be transferred to, referred to, 1837, 2271.
Treaty with, 326, 351, 426, 448, 566, 567, 650, 770, 852, 856, 936, 989, 1092, 1095, 1105, 1499, 2885, 3583.
Advice of Senate regarding treaty for cession of lands east of Mississippi, requested, 1041.
President declines to appoint commission to conclude, 989.
Proclamation regarding, 72.
Referred to, 1093.
Transmitted for exercise of powers for fulfilling, 6271.
Christian—
Claims of, against United States, 1031.
Treaty with, 2953, 3110, 3400, 3835.

Cœur d'Alene—A small tribe of the Siliscean stock of Indians now living in Idaho and Washington. They call themselves Skitswish. Part of the tribe broke out into hostilities in 1858, but was subjugated and became peaceful. In 1867 a reservation was set apart for those in Idaho, and in 1872 a band in Paradise Valley was removed to a reservation between the Okinagan and Columbia Rivers. They numbered only about 427 in 1892.

Cœur d'Alêne, commission to negotiate with, for purchase of lands, 5493.
Cohnawaga, treaty with, referred to, 189.

Comanche—A savage tribe of the Shoshnocean stock of Indians, who were early engaged in disastrous wars with the Spanish settlers. In 1724 they were on the Upper Kansas River and later were south of the Red River, in Texas. Their recent territory was the extensive plains from the Rocky Mountains eastward into the Indian Territory and Texas, and they raided the country from Kansas southward as far as Durango, Mexico. They were expelled from Texas and became bitter enemies of that State. After harassing the settlers of the Southwest for some time they were finally located in the western part of Oklahoma. In 1868 they numbered about 2,500.

Comanche—
Agreement between Cherokee Commission and, 5768.
Claim of, discussed, 5762.
Treaty with, 2304, 2762, 3394, 3573, 3796.

Creek—A powerful confederacy of the Muskhogean stock of Indians, which in the early days of American history inhabited Alabama, Georgia, and part of Florida. At the instigation of Spaniards the Yamasi tribe made several attacks upon the settlers during the eighteenth century. They aided the British in the War of the Revolution, attacking Gen. Wayne in 1782. In 1790 they signed a treaty of friendship, but broke it two years later. In 1802 and 1805

they ceded lands to the whites. They joined the British in the War of 1812, and Aug. 30, 1813, they attacked Fort Mims and massacred 400 people. March 27, 1814, they were completely subjugated by Gen. Jackson, and ceded the greater part of their land to the whites. The Seminoles (q. v.) a renegade body of Creeks, made war upon the United States from 1835 to 1843. Part of the Creeks moved to Louisiana and part to Texas. Later Gen. Scott subjugated them, and they were removed to a reservation between the Canadian and Arkansas Rivers. In 1866 they ceded a large tract of land to the Government. The Creeks now occupy lands in Oklahoma, are well organized, and have a population, including mixed bloods, of 18,700.

Creek—
Charges against United States agent for, referred to, 965.
Commerce with, 69.
Commissioners to treat with, for cession of lands, discussed, 6271.
Conflicting claims of Georgia and, to lands. (See Georgia.)
Convention with, 378.
Court of inquiry relative to campaign against, 1508.
Opinion of, disapproved, 1508.
Proceedings of, transmitted for action thereon, 1510.
Difficulties of, with Seminoles, 2828, 2897.
Difficulties with, 143.
Frauds practiced upon, in land sales, 1622, 1697.
Hostilities of, ended, 1472, 1473.
Referred to, 1499.
Lands—
Ceded to United States by, 331, 362. 375, 960, 5450.
Amount of cession, 5481.
Proposition regarding, 4659, 5392.
Opened to settlement by proclamation, 5450.
Purchased for Seminoles from, 4786.
Additional proposition regarding, 5505.
Purchased from, title to, discussed, 4853.
Murdered by outlaws, 143.
Proposition of, to cede lands in Indian Territory, 4659, 5392.
Cession of, 5450.
Protection for lands of, invoked, 936.
Removal of, referred to, 1274, 1332, 1715.
Sales of reservations of deceased, 1733.
Treaty with, transmitted and discussed, 62, 68, 70, 71, 103, 159, 167, 191, 202, 385, 539, 654, 856, 872, 890, 909, 911, 936, 960, 964, 965, 968, 1072, 1132, 1256, 1733, 2214, 2775, 2916, 3394, 3591, 3900, 5392.
Correspondence regarding, 886.
Proclamation regarding, 72.
Ratified by proclamation, 6696.
Rights of, under, 936.
War with. (See Indian Wars.)
Crow—
Agreement with—
For sale of railroads, 4657.
Regarding individual allotments, 4957.
Appropriation for supplies for, recommended, 4781.
Treaty with, 913, 3835.
Crow Creek. (See Umpqua.)
Dakota. (See Sioux.)

Delaware—A confederacy of the Algonquian stock of Indians. They called themselves the Lenni-Lenape ("original men" or "preeminent men") and the French called them Loups (wolves). William Penn found them dwelling peaceably in the valley of the Delaware. He cultivated friendly relations with them and purchased much of their land. Their chief council fires blazed on the site of the present city of Philadelphia. In 1726 they refused to join the Iroquois in a war against the English and were stigmatized as "women." Later they became quite warlike, but were driven beyond the Alleghanies. Near the close of the Revolution a large number of Christian Delawares were massacred by Americans. The remnants of the tribe dwelt temporarily in Ohio, and in 1818 migrated to Missouri, in 1829, to Kansas, and in 1868 to the Indian Territory (now Oklahoma), where they live among the Cherokees and are well civilized.

Delaware—
Lands ceded to United States by, 360, 362, 1693.
Lands to be conveyed to Wyandottes, 2129.
Payment of amount of trust fund to, recommended, 5117.
Treaty with, 351, 361, 365, 378, 385, 463, 464, 539, 554, 590, 616, 1027, 1028, 1029, 1173, 2773, 3127, 3233, 3413, 3592.
Agreement with, for abrogation of article of, 3199.
Dwámish, treaty with, 2912.
Eel River—
Payment to, in lieu of annuities, 5115.
Treaty with, 351, 378, 385, 463, 464.
Five civilized tribes—
Discussed, 6270, 6346.
Relation of, to United States discussed, 5637, 6167.
Representation in Congress recommended, 5637.
Flathead—
Agreement with, for sale of lands, 4740, 4779.
Treaty with, 2913.

Fox—A tribe of the Algonquian stock of Indians. They followed the example of many other red men in joining with the British forces during the Revolutionary War. In 1804 they made a treaty ceding valuable lands of the Government. They

renewed their alliance with the British in 1812. In 1824 and 1830 they ceded large tracts of land, and after taking part in the Black Hawk War (q. v.) were compelled to cede more of their territory by a treaty made with Gen. Scott. They have been successively driven from one place to another until the remainder of the tribe now occupies a small part of Oklahoma. They were incorporated at an early date with the Sac tribe.

Fox—
Agreement between Cherokee Commission and, 5510.
Proclaimed, 5591.
Hostile aggression of, 1251.
Treaty with, 363, 365, 554, 752, 888, 913, 1105, 1170, 1484, 1498, 1612, 2063, 2773, 3109, 3274, 3284, 3395, 3668, 3900.
Withdrawn, 4001.
War with. (See Indian Wars.)
F'peekskin, treaty with, 2836.
Great Osage. (See Osage.)

Gros Ventre—Two separate tribes of wandering Indians. The Gros Ventres of the prairie claim to have separated from the Arapahoes. After their separation they joined first one tribe and then another, and because of their infidelity suffered many hostile attacks from their neighbors. In 1824 they settled with the Blackfeet, near the Milk River. Their greatest chief was Sitting Squaw. Treaties were made with them in 1851, 1853, 1855, 1865, and 1868. In 1870 they were joined by their kindred, the Arapahoes, and are now occupying a portion of the Blackfeet Reservation in Montana.

Gros Ventre—
Allotment of lands in severalty to, referred to, 4783.
Treaty with, 3898.
Hunkpapa, treaty with, referred to, 912.
Illinois, treaty with, 127.
Iowa—
Agreement between Cherokee Commission and, 5511.
Proclaimed, 5591.
Treaty with, 913, 1484, 1612, 1729, 1733, 2773, 3274, 3900.
Withdrawn, 4001.

Iroquois—One of the great families of American Indians (formerly sometimes called the Long House, the Five Nations and later the Six Nations), composed of many tribes speaking languages of a common root. Most of the Iroquois tribes dwelt in early colonial days in the region of the Great Lakes, in what are now the Canadian Provinces of Ontario and Quebec and the States of New York and Pennsylvania. A small group of them (the Tuscaroras, etc.) occupied the region about the head waters of the Roanoke, Neuse, and branches of the Cape Fear Rivers, in North Carolina and Virginia. Intellectually and physically they were the foremost of American Indians. They were almost constantly at war with their neighbors or the whites. In the struggle for American independence nearly all of the Iroquois sided with Great Britain. They now have reservations in the Dominion of Canada. The Oneidas and Tuscaroras are now settled on reservations in New York, Pennsylvania, and Wisconsin.

Kansas—
Lands of, accounts for advertising sale of, 4664.
Treaty with, 883, 889, 912, 1040, 2273, 3109, 3277, 3413, 3717, 3965.
Withdrawn, 4001.
Kaskaskia—
Lands ceded to, 535.
Lands ceded to United States by, 347, 351.
Treaty with, 347, 351, 353, 616, 2775, 3270, 3716.
Ka-ta-ka, treaty with, 1612.
Kaw. (See Kansas.)

Kickapoo—A tribe of the Algonquian stock of Indians, who early inhabited the valleys of the Ohio and Illinois Rivers. The name was used by the Indians to describe smooth running rivers without rapids. In 1779 they allied themselves with the Americans against the British, but later turned and fought the new government until they were subjugated by Wayne in 1795, when they ceded part of their lands to the whites. In 1802, 1803, and 1804 the Kickapoos ceded more territory. They joined Tecumseh and fought against the whites at Tippecanoe in 1811. They united with the British in the War of 1812, but were badly defeated. By treaties made in 1815, 1816, and 1819 they ceded still more of their territory. Portions of them became roving bands. Some of them were removed to Kansas, and afterwards a portion of the tribe migrated to Mexico, whence about 400 were in 1873 returned by the Government and placed upon a reservation in the Indian Territory. In 1894 their number in the United States and Mexico was estimated at 762.

Kickapoo—
Agreement between Cherokee Commission and, 5638, 5649.
Settlement of estates of deceased, referred to, 4657, 4776, 4953.
Treaty with, 351, 464, 554, 566, 567, 635, 650, 654, 1173, 2773, 3284, 3716.
Kik-i-állus, treaty with, 2912.
Kiowa—
Agreement between Cherokee Commission and, 5768.
Claim of, discussed, 5762.
Treaty with, 1612, 2762, 3394, 3796.

Klamath—A tribe of Indians numbering some 600, distributed among eleven settlements in the Klamath Reservation, in Oregon. They formerly occupied a part of California, but the influx of whites led to trouble in 1851. Peace was soon restored. In 1864 they ceded large tracts of land to the Government and settled on a reservation.

Klamath, treaty with, 3470.
Kootenay—
Agreement with, for sale of lands, 4740, 4779.
Treaty with, 2913.
Little Osage. (See Osage.)
Lower Brulé, selling and trading of annuity goods by, 4671.
Maha, treaty with, 650, 888, 913.

Mahican—A tribe of the Algonquian family of Indians. The name is interpreted both as "wolf" and "seaside people." When first known to the whites they occupied both banks of the Hudson River, extending from near Albany to Lake Champlain. They were a distinct tribe from the Mohegans of the Connecticut River. The two tribes are generally confounded under the name of River Indians. The Mahicans were friendly to the English during the French and British struggles for supremacy in America. They assisted the colonists during the Revolution. Afterwards some of them became citizens.

Makah, treaty with, 2913.

Mandan—A tribe of the Siouan family of Indians. They were almost exterminated by smallpox in 1837. The survivors consolidated, and now occupy villages in common with the Hidatsa and Arikara, on the Fort Berthold Reservation, in North Dakota. They are of a light complexion.

Mandan—
Allotment of land in severalty to, referred to, 4783.
Treaty with, 888, 913.

Massachuset—A tribe of the Algonquian stock of Indians formerly inhabiting the eastern portion of the present State of Massachusetts and the basins of the Neponset and Charles Rivers. In 1617 they were much reduced by pestilence. The Massachuset Indians in 1650 were gathered into the villages of the Praying Indians and lost their tribal identity. They were always friendly to the whites.

Menominee—A tribe of the Algonquian family of Indians, which since it first became known to the whites has occupied lands in Wisconsin and upper Michigan, chiefly along the Menominee River and the west side of Green Bay, and extending south to the Fox River and west to the Mississippi. The name means "wild rice men," from their principal article of food. The French translated the name into "Folles Avoines," by which the Menominees are sometimes known. In the early Indian wars they sided with the British.

Menominee—
Lands ceded to United States by, 2501.
Referred to, 2838.
Sale of timber on reservation of, referred to, 4659.
Treaty with, 589, 913, 963, 996, 1104, 1198, 1491, 2501, 2521, 2773, 2896.
Me-sée-qua-guilch, treaty with, 2912.
Miami—
Distribution of money to western band of, 4660.
Funds of—
Bill authorizing application of, to relieve necessities of, 4958.
Consolidation of, 4661.
Payment to, in lieu of annuities recommended, 5115.
Treaty with, 351, 378, 385, 463, 464, 539, 554, 616, 931, 940, 964, 970, 1588, 1724, 1841, 2775, 3716.
Correspondence regarding, 1841.
Michigamia, treaty with, 616.
Minnetaree, treaty with, 913.
Mission—
Bill for relief of, 4786, 4954.
Commission to treat with, 5661.
Missouria—
Right of way of railroad through lands of, referred to, 4681.
Treaty with, 913, 1256, 1484, 1695, 2763, 2830, 3274, 3901.
Withdrawn, 4001.

Modoc—A tribe of the Lutunian family of Indians, which, with the Klamaths, formerly occupied the region of the Klamath Lakes and Sprague River, Ore., and extended southward into California. They began attacks on the whites as early as 1847. Hostilities continued until 1864, when they ceded their lands and agreed to go on a reservation. The Modocs became notorious through their conflict with the Government in 1872-73. They refused in 1872, to go to the Klamath Reservation, but instead took up strongly fortified positions in the lava beds near Fort Klamath, where in April, 1873, they murdered Gen. Canby and Commissioner Thomas, who had been sent to induce them to go to the reservation. War followed, and soon the Government troops compelled the Indians to surrender. Captain Jack, their leader, and two associates were executed and about eighty of his followers were removed to Indian Territory. The remainder reside on the Lower Colorado River, in Arizona.

Modoc—
Correspondence during war with, referred to, 4215.
Treaty with, 3470.

Mohave—A tribe of the Yuman Indians. They live along the Lower Colorado River in Arizona. About a third of them are on reservation ground.

Mohawk—A tribe of the Iroquois family of Indians. The name is said to be derived from the Algonquian word "maqua" meaning bears. Early settlers found them occupying the territory now included in New York State, extending from the St. Lawrence River to the Delaware River watershed and from the Catskills to Lake Erie. Their villages were along the Mohawk River. They were known as one of the Five Nations, and were the first tribe of the region to obtain firearms. The Mohawks were allies of the English in their wars with the French and Americans. In 1784, under Brant, they retired to Upper Canada.

Mohawk, treaty with, 255.

Mohegan—A tribe of the Algonquian family of Indians. They once lived chiefly on the Thames River, in Connecticut. The Mohegans claimed territory extending eastward into Massachusetts and Rhode Island. After the destruction of the Pequots, in 1637, they claimed the latter's lands. The death of King Philip, in 1676, left them the only important body of Indians in Southern New England. They finally became scattered, some joining the Brotherton Indians in New York. The Mohegans are often confounded with the Mahicans and called River Indians.

Mo-lal-la-las, treaty with, 2914.
Mo-lel. (See Mo-lal-la-las.)
Mosquito, correspondence regarding territory claimed by, referred to, 2722, 2894.

Munsee, treaty with, 378, 385, 1496, 1646, 1683, 1773, 2896, 3716, 3835, 3900.
Muscogee. (See Creek.)

Narraganset—A tribe of the Algonquian family of Indians which originally occupied a part of Rhode Island. They were friendly toward the early colonists, their wars being waged mostly against other tribes. Canonicus, their principal chief, gave Roger Williams a large tract of land and otherwise befriended him. Canonicus died in 1647, and King Philip, of the Pequots, induced the Narragansets to join him in a raid on the white settlements in violation of their treaty. King Philip and his allies, having ravaged the valley of the Connecticut in 1675 and 1676, returned to the land of the Narragansets, where the women and children of the tribes had been quartered and where supplies for the winter had been collected. They were surrounded by the whites and their villages were burned. Many of the Indians perished in the flames. Canonchet, the last chief of the Narragansets, was captured and killed. The few surviving Narragansets intermarried with the colonists and became civilized.

Navajo—An important tribe of the southern division of the Athapascan stock of Indians. From the time of their earliest discovery by the whites they have occupied the country along and south of the San Juan River, in northern New Mexico and Arizona, and extending into Colorado and Utah. They were surrounded by the Apache tribes except on the north, where the Shoshones were their neighbors. The Navajos are at present confined to the Navajo Reservations in Utah, New Mexico, and Arizona.

Navajo—
Practicability of restraining, within present reservation, etc., reports on, 5782.
Treaty with, 2571, 3834.
Nesqually, treaty with, 2836.
New York—
Cession of lands for benefit of, 1127.
Removal of, discussed, 1778.
Treaty with, 1496, 1684, 1729, 1778, 3394, 3896, 3897.
Withdrawn, 3667.

Nez Percé—The leading tribe of the Shahaptian stock of Indians. They are also known as the Chopunnish, Nomapu, Shahaptan, and Sahaptin. They were found by Lewis and Clark in 1804 inhabiting the country now comprised in western Idaho, northeastern Oregon, and southeastern Washington, and along the Columbia and Snake Rivers. They were good horsemen, but knew nothing of agriculture. The Nez Percés were always warlike. They derive their name from their custom of piercing the flesh of the nose for the reception of rings and ornaments. In 1877 the Nez Percés went to war with the whites in a vain attempt to defend their possessions. During this war Chief Joseph and White Bird gave orders to their people not to molest noncombatants, including women and children. October 1, Joseph and 500 of his followers were captured by United States soldiers. They now occupy the Nez Percé Reservation, in Idaho.

Nez Percé—
Campaign against, referred to, 4424.
Relief of, bill for, 4737, 4780.
Treaty with, 2914, 3403, 3893.
War with. (See Indian Wars.)

Nipmuc—A general name for the Indians of several tribes inhabiting in early colonial days south central Massachusetts and extending into Connecticut and Rhode Island. The majority of the Nipmucs did not at first join Philip in his war against the colonists, but were active against the English during the struggle in Connecticut in 1675. In January, 1676, the remnants of Philip's tribe, with the Narraganset, the Quaboag, and River Indians, joined the Nipmucs, and on the defeat of Philip fled north and west. Elliot's translation of the Bible is in the Natic dialect of the Nipmuc language. The word Nipmuc means "freshwater fishing place."

Noo-whá-há, treaty with, 2912.
Nook-we-cháh-mish, treaty with, 2912,
Northern Cheyenne. (See Cheyenne.)
N'Quentl-má-mish, treaty with, 2912.
Ogallala, treaty with, 912.

Ojibwa or *Chippewa*—A large tribe of the Algonquian stock of Indians. In the early history of the country their hunting grounds were along the shores of Lake Huron and Superior and across the State of Minnesota into the mountains of Dakota. Their name means "A puckering up" and is variously contended to refer to a puckering of the lips in a speaking or drinking, a peculiar seam in the moccasin, and the appearance of the flesh of roasted victims. They were known by the early French explorers as Saulteurs ("People of the falls"), having been first met with at Sault Ste. Marie. They were connected in a loose confederacy with the Ottawas and Pottawatomies and known as the Three Fires. After learning the use of firearms they greatly extended their territory by successful wars upon the Sioux, Foxes, and Iroquois. They joined Pontiac and were allies of England in the Revolution. They also participated in the Miami uprising. The Ojibwas ceded lands on Lake Erie in 1805. They again broke out into hostilities in 1812 and by the peace of 1816 relinquished all their lands in Ohio and retreated westward. By 1851 the remainder of the tribe in the United States was west of the Mississippi River. They now number about 30,000 in Canada and the United States, about one-half in each.

Old Settler. (See Cherokee.)

Omaha—A tribe of the Dhegiha division or confederacy of the Siouan stock of Indians. The name means "Those who went against the current." In 1815 and 1820, they ceded lands at Council Bluffs to the whites. In 1825 and 1830 they made similar treaties. In 1854 they gave up more of their lands and removed to a reservation in northeastern Nebraska. They number about 1,200.

Omaha—
Act to extend time of payment to purchases of land of, vetoed, 5525.
Claims of, against Winnebagoes, 4851.
Relief of, bill for, 4972.
Treaty with, 1484, 1695, 1729, 2768, 3574.

Oneida—A tribe of the Iroquois stock of Indians. They formerly occupied lands east

of Oneida Lake, N. Y., and the head waters of the Susquehanna River to the south. The name means "Standing stone," or "People of stone." They usually acted independently of the other Iroquois and were not prominent in the confederacy. The early French settlers, with whom they were generally friendly, called them Oneiout. They took part with the Colonies in the Revolution. For this the British destroyed their villages. By a treaty in 1794 the Government made compensation for their losses. In 1785 and 1788 they ceded lands to New York State. In 1833 most of them removed to Green Bay, Wis., where they still remain, and others went to Canada. They number about 3,000.

Oneida—
Lands of, proposition to sell, 256, 326.
Treaty with, 335, 1684.

Onondaga—The leading tribe of the Iroquois stock of Indians. Their original hunting grounds were along the shores of the creek and lake in New York which bear their name. They claimed all the country between Lake Ontario and the Susquehanna River. The name is translated to mean "On the top of the mountain." In the councils of the Iroquois Confederacy they were called by a name meaning "They who keep the council fire." They fought on the side of the British in the Revolution and in the French wars. In 1788 they ceded all their land to the State of New York except a small portion, which they still hold.

Oregon, treaty with, 2393, 3593.

Osage—A tribe of the Dhegiha confederacy of the Siouan stock of Indians. They are divided into the Great or Highland Osage and Little or Lowland Osage, respectively referring in the native tongue to those who camped at the top of the hill, and those who camped at the foot of the hill, "wacace" in the Siouan language denoting a camp on a hill. This has been corrupted into Osage. Through wars with the whites and Indian tribes of their own stock they were driven southward into Arkansas. In 1808 they ceded lands to the Government and made further cessions in 1815, 1818, 1822, 1825, and 1839. At the beginning of the Civil War about 1,000 of them went to the Indian Territory, and in 1865 and 1868 treaties were made looking to the removal of the remainder of the tribe. The last of their lands was ceded in 1870 to the Government and they went to their reservation in Oklahoma.

Osage—
Decline to accede to terms reducing price of lands, 4673.
Lands relinquished to United States by, 1693.
Payment of interest due, referred to, 4691.
Treaty with, 464, 474, 554, 614, 616, 767, 883, 889, 912, 1040, 3393, 3578, 3833, 3843.
Referred to, 3578.
Withdrawn, 4001.

Osette, rewards to, for rescuing crew of the *Umatilla* recommended, 4803.

Otoe—
Right of way of railroad through lands of, referred to, 4681.
Treaty with, 589, 888, 913, 1256, 1484, 1695, 1729, 2768, 2830, 3901.
Withdrawn, 4001.

Ottawa—A tribe of the Algonquian stock of Indians. The Ottawas were first found along the Upper Ottawa River, in Canada. They were steadfast allies of the French. In 1646 they suffered defeat at the hands of the Iroquois and were driven westward along the southern shore of Lake Superior. In the early part of the eighteenth century the Ottawas established themselves about the site of the present city of Chicago, whence they spread in all directions. In 1763 they combined with other tribes in the South and West in an unsuccessful move against the English. During the Revolution they aided the British. They signed treaties in 1785 and 1789, but joined in the Miami uprising soon afterwards. They again made peace in 1795. Numerous treaties ceding territory to the United States followed, and a part of the tribe went south of the Missouri and soon lost their identity. Some of those living in Ohio migrated to the Osage country in 1836. In the same year the Michigan Ottawas ceded all their lands except reservations. In 1870 those in the Southwest were collected in the Indian Territory.

Ottawa—
Disposition of bonds and funds of, referred to, 4660.
Relinquishment of agreement with Chippewas referred to, 3900.
Removal of, 1715.
Treaty with, 378, 385, 422, 427, 448, 554, 566, 567, 590, 616, 888, 989, 991, 1027, 1029, 1124, 1199, 1257, 1345, 1444, 2304, 2884, 3283, 3716, 6271.
Instructions to commissioners negotiating, 6271.
Transmitted for exercise of powers for fulfilling, 6271.

Passamaquoddy—
Fought for liberty of American people, 1026.
Memorial of, presented to Congress in behalf of, 1026.

Pawnee—A confederacy of tribes of the Caddoan stock of Indians. They formerly inhabited the plains of Kansas and Nebraska and the banks of the Platte and Republican Rivers. This confederation has always been friendly to the Americans. By a treaty in 1833 they sold their lands south of the Nebraska. They were afterward attacked by the Sioux and the remainder of their hunting grounds was devastated. In 1857 the Pawnees sold more of their lands, and, the depredations of the Sioux continuing, the remnants of the Pawnee confederation were removed to a reservation in Oklahoma. They are now divided into four tribes—the Tcawi or Grand Pawnee, the Pitahauerat or Tapage, the Republican Pawnee, and the Skidi or Pawnee Loup.

Pawnee—
Agreement between Cherokee Commission and, 5768.
Aid for, recommended, 4314.
Treaty with, 616, 888, 913, 1256, 2521, 2995.

Peoria, treaty with, 616, 1173, 2775, 3270, 3716.

Pequot or *Pequod*—A former tribe of the Algonquian stock of Indians. The name is translated "destroyers" or "ravagers." They were the most dreaded of all the southern New England Indians. When first known to the whites the Pequots formed one tribe with the Mohegans under Sassacus, but they seceded under Uncas and occupied a narrow strip of coast in southern Connecticut from the Niantic River to the Rhode Island boundary. They never exceeded 3,000. In 1634 they entered into a treaty with the colonists at Boston, but failed to keep the peace. Expeditions were sent against them and they in turn attacked Wethersfield and massacred many settlers. In 1637 they were surprised at a fort near the present site of Groton, Conn., and in the battle which ensued and the subsequent one at Fairfield Swamp the tribe was nearly annihilated. Many of them were sold as slaves and the others were scattered.

Piankeshaw—
Lands ceded to United States by, 362, 375.
Treaty with, 351, 362, 365, 389, 544, 1173, 2775, 3270, 3716.
Piegan, engagement of Col. Baker with, referred to, 4004.
Pi-Ute, agreement with, for right of way for railroad, 4736, 4776.
Ponca—
Commission appointed to investigate condition, etc., of, and report of, discussed, 4582.
Treaty with, 887, 912, 3015, 3263.
Poncarar, treaty with, 589.

Pottawatomie—A tribe of the Algonquian stock of Indians. When first known (about 1670), they lived on the Noquet Islands, in Green Bay, Wis. At the close of the seventeenth century they were established on the Milwaukee River, at Chicago, and on the St. Joseph River. At the beginning of the nineteenth century they possessed the country around the head of Lake Michigan from the Milwaukee River, Wis., to the Grand River, Mich., extending south into Illinois and in Indiana to the Wabash River. They took a prominent part in Pontiac's War and in the War of the Revolution, when they fought on the British side, as they also did during the War of 1812. The name Pottawatomie signifies "firemakers," and has reference to their secession from the Ojibwas and making fires for themselves. A large tract was assigned to them on the Missouri. In 1867, 1,400 of them became citizens, but the Prairie Band continued under the Indian Department.

Pottawatomie—
Agreement between Cherokee Commission and, 5514.
Proclaimed, 5591.
Location of lands ceded to Indiana by, 1098.
Removal of, 1715.
Treaty with, 351, 378, 385, 422, 427, 448, 463, 554, 566, 567, 590, 616, 888, 913, 931, 940, 961, 988, 989, 991, 996, 1027, 1029, 1170, 1257, 1345, 1354, 1446, 1491, 1498, 2304, 3262, 3356, 3580, 3717.
Complaints regarding, 3263.
Instructions to commissioners negotiating, 6271.
Transmitted for exercise of powers for fulfilling, 6271.

Pueblo—A common name for several distinct tribes and nations of Indians occupying western New Mexico, Arizona, Chihuahua, Texas and the valleys of the Rio Grande and Colorado Rivers. The Zuñis inhabit the largest pueblos or villages. They are distinct nations. When discovered by the Spaniards they occupied seven villages, known as the Seven Cities of Cibola, on the site of one of which stands the present pueblo of Zuñi. The Tañoan are also a distinct a distinct stock of Indians and comprise several tribes of closely allied dialects. The Tusayan is a confederacy of tribes inhabiting northeastern Arizona. The Pueblo Indians have always been friendly. The Supreme Court declared them citizens in 1857. The name was also applied by Spaniards to the early colonies established in California by authority of Philip II. Pueblo lands were vested either by proprietary right in the individual or in companies, reserving to them certain rights as citizens and colonists. The first settlers were also allowed money and supplies and permitted to elect their own magistrates, of whom the chief was the alcalde. They were allowed common use of the pasture lands reserved to the Crown outside the pueblo grants.

Puyallup—
Commission to treat with, 5663.
Treaty with, 2836.
Quapaw, treaty with, 616, 848, 855, 2829, 3716.
Qui-nai-elt, treaty with, 2913.
Quil-leh-ate, treaty with, 2913.
Ricara, treaty with, 888, 913.
River Crow, treaty with, 3898.
Rogue River, treaty with, 2762, 2836.

Sac—A tribe of the Algonquian stock of Indians who formerly lived near the mouth of the Ottawa River and along the Detroit River. They were driven thence by the Iroquois and settled about Green Bay, Wis. They allied themselves with the Fox tribe. About 1765 the Sacs took possession of land on both sides of the Mississippi, which they had conquered from the Illinois. From this time their history is the same as that of the Foxes. By 1810 they had overrun a large territory in Wisconsin, Illinois, Iowa, and Missouri. They aided Pontiac, and during the Revolution supported the English. They fought against the United States in 1812. In 1832 a part of the tribe, led by Black Hawk, rebelled and was defeated and removed to the Indian Territory, where most of the remainder of the two tribes, still live. The name Sac is a corruption of the Indian word "osagi," meaning "People at the mouth of the river," and refers to their early habitat.

Sac—
Agreement between Cherokee Commission and, 5510.
Proclaimed, 5591.
Annuities proposed to, 363.
Hostile aggression of, 1251.
Treaty with, 363, 365, 554, 566, 567, 767, 913, 1105, 1170, 1484, 1498, 1612, 2063, 2773, 3109, 3274, 3284, 3395, 3669, 3900.

Withdrawn, 4001.
War with. (See Indian Wars.)
Saginaw, treaty with, 1489.
So-heh-wamish, treaty with, 2836.
Sah-ku-méhu, treaty with, 2912.
St. Regis, treaty with, 1684.
Sam-áhmish, treaty with, 2912.
Scotan, treaty with, 2836.

Seminole—A tribe of the Muskhogean stock of Indians. The tribal name is translated to mean "renegade" or "separatist," and refers to their having separated from the Creek confederacy during the latter part of the eighteenth and the early part of the nineteenth century and settled in Florida. During the War of 1812 the British were materially aided by the Seminoles, and in 1817-18 they made many depredations on the settlements of Georgia and Alabama. By a treaty ratified in 1834 they ceded all their lands in the eastern part of the United States to the General Government and agreed to move to the Indian Territory. Their refusal to comply with the terms of this treaty led to a long and bloody war. (See Seminole Wars; Creeks.) The number of Seminoles finally removed in 1843 was officially reported as 3,824. They became one of the five civilized nations of the Indian Territory.

Seminole—
Authority to use certain funds in purchase of lands for, recommended, 5197.
Court of inquiry relative to campaign against, 1511.
Difficulties with Creeks, 2828, 2897.
Hostilities of, 1447, 1448, 1472, 1833, 2583.
Lands—
Purchased for, 4786, 5450.
Additional proposition regarding, 5505.
Purchased from—
Opened to settlement by proclamation, 5450.
Title to, discussed, 4853.
To be relinquished by, proposition regarding, 5392, 5396.
Cession of, 5450, 5482.
Removal of, arrangements made for, 1332, 2583, 2707, 2720.
Separation of from Creeks referred to, 1727.
Setting apart of land for, suggested, 1727.
Treaty with, 789, 1256, 2214, 2916, 3591.
War with. (See Seminole War.)

Seneca—A tribe of the Iroquois confederacy of Indians. The name is foreign to the language of the tribe, and is probably a corruption of a word meaning "red paint." They called themselves by a name meaning "people of the mountain." When first known they occupied lands in western New York between Seneca Lake and Genesee River. They allied themselves with Pontiac, destroyed Venango, attacked Fort Niagara, and cut out an army train near Devils Hole in 1763. They were conspicuous in the wars west of Lake Erie. On the defeat of the Erie and Neuter tribes they took possession of the territory westward to Lake Erie and southward along the Allegheny River into Pennsylvania, receiving by adoption many of the conquered tribes, which act made them the largest tribe of the Iroquois confederacy. They sided with the British in the Revolutionary War and their territory was devastated by the Americans. Peace was made with them in 1784. In the War of 1812 the tribe divided, those in New York taking part with the Americans and those in Ohio joining the hostile Western tribes. These were removed to the Indian Territory in 1831, the friendly tribes remaining in New York.

Seneca—
Conveyance made by, 940.
Memorial from, referred to, 2278.
Money held in trust for, 1019.
Portion of, opposed to treaty of Buffalo, 1784.
Remonstrance of, against allotment of lands in severalty to, 4668.
Treaty with 203, 249, 335, 539, 554, 590, 616, 1105, 1124, 1198, 2010, 2829, 3716.
Seven Nations. (See Cohnawaga.)
Shawanese, treaty with United States, 3717.

Shawnee—A tribe of the Algonquian stock of Indians. From their wanderings and the difficulties of identification their real habitat is uncertain. They seem to have wandered farther south than any other of the Algonquian tribes and to have been driven westward by the Iroquois. The name is translated to mean "Southerners." They were early known in the Cumberland Valley, in Tennessee, and along the Upper Savannah River, in South Carolina. About the middle of the eighteenth century they united in the Ohio Valley and were almost constantly at war with the whites. At first they aided the French, but were won over by the English. The Shawnees joined Pontiac, and from time to time continued hostilities until the peace of 1786. They took part in the Miami uprising, but were reduced by Gen. Wayne and submitted under the treaty of 1795. In 1812, under the leadership of Tecumseh, this tribe joined the English in their war against the Americans. They became scattered, and the Missouri band ceded their lands in 1825, the Ohio band in 1831. The main band ended their tribal relations in Kansas in 1854.

Shawnee—
Distribution of moneys to band of, referred to, 4659.
Lands of, treaty with, for purchase of, 1797.
Treaty with, 351, 378, 448, 539, 590, 616, 883, 1124, 1125, 1197, 1797, 2775, 2829, 3402, 3579, 3716, 3717.
Sheepeater—
Agreement with, for sale of lands, 4779.
Treaty with, 3898.
S'Homanish, treaty with, 2836.

Shoshone—The most northerly confederation of the Shoshonean stock of Indians. They are sometimes known as Snake Indians. There are some twenty known tribes of Shoshones. The division formerly occupied western Wyoming, part of central and southern Idaho, part of eastern Oregon, western and central Nevada, and a strip of

Utah west of the Great Salt Lake. The Snake River region of Idaho was their principal hunting ground. In 1803 they were on the head waters of the Missouri in western Montana, but they had earlier ranged farther east on the plains, whence they had been driven into the Rocky Mountains. Some of the bands near Great Salt Lake began hostilities in 1849. In 1862 California volunteers nearly exterminated one tribe. Treaties were made with various tribes later. They are at Fort Hall Agency and Lemhi Agency, Idaho.

Shoshone—
Agreement with, for disposal of lands, 4655, 4779.
Treaty with, 3397, 3898.
Sioune, treaty with, 912.

Sioux or *Dakota*—The principal division of the Siouan stock of Indians. The name is translated to mean "The snakelike ones." The early habitat of the Siouan family included parts of British America and the following States: Montana, Wyoming, the Dakotas, Minnesota, Iowa, Wisconsin, Nebraska, Kansas, Missouri, Oklahoma, Mississippi, Kentucky, the Carolinas, and Virginia. The Dakotas, generally known as the Sioux, have always been the most warlike of the stock. They have been hostile not only to whites and to the Indians of other stocks, but also to tribes of their own stock. The principal divisions of the family are the Dakota, Dhegiha, Tciwere, Winnebago, Mandan, Hidatsa, Tutelo, Biloxi, and Kataba.

The Sioux proper, or Dakotas, are divided into seven council fires, and they are sometimes known by an Indian name signifying that fact. They aided the English in 1812. In 1837 they ceded all their lands east of the Mississippi to the Government and in 1851 made further grants. In 1854 they engaged in war against the whites, but were subjugated in 1855. In 1862 a general Sioux uprising occurred, in which many whites and Indians were killed. They were defeated and scattered by Government troops, and a treaty was made with them by Gen. Sherman in 1868. Nevertheless, Sitting Bull and some of the other chieftains were unreconciled. June 25, 1876, Gen. Custer and 276 men were surprised by a force of 9,000 Sioux on the Little Big Horn River, Montana, and massacred. (See also Custer Massacre.) Sitting Bull, their chief, was killed near Fort Yates, N. Dak., in 1890, while resisting arrest.

Sioux—
Agreement with, for purchase of lands, discussed, 5498.
Proclaimed, 5707.
Commission to treat with, for—
Cession of lands, 5480, 5496.
Modifications of treaties, 5742.
Concessions obtained from, referred to, 4368.
Hostile demonstrations of, referred to, 4327.
Lands of—
Opening of, to settlement refused by, 5381.
Relinquished to United States, 5480.
Outbreak among, discussed, 5636.
Pursuit of hostile bands of, into Hudsons Bay territories, referred to, 3399.
Removal of, to—
Indian Territory, 4367.
Nebraska, 3587.
Report on condition of, referred to, 3897.
Right of way for railroad through reservation of, 4775, 4780.
Sioux expedition, referred to, 2912.
Treaty with, 887, 888, 913, 1484, 1499, 1612, 1912, 2005, 2564, 2707, 3016, 3064, 3573, 3898, 3901.
Reasons for concluding, 1912.
War with. (See Indian Wars.)
Sisseton, treaty with, 3668.

Six Nations—A confederation of the Indian tribes of the Huron-Iroquois family. They were also known as Long House. They originally occupied the territory now included in New York State and southern Canada. The five original nations were the Mohawks, Senecas, Cayugas, Oneidas, and Onondagas. In 1712 the Tuscararas, a branch of the Iroquois living in North Carolina, returned northward after their defeat by the white colonists, and joined their kindred. The confederation then became known as the Six Nations.

Six Nations—
Conference with, 103, 166, 651.
Depredations of, 57, 60, 61, 74, 76, 78.
Negotiations with, 326.
Opinion of Senate concerning treaty with, requested, 54.
Referred to, 147.
Treaty with, 54, 98, 159.
Skágit, treaty with, 2912.
Skai-wha-mish, treaty with, 2912.
S'Kallams, treaty with, 2913.
Skope-áhmish, treaty with, 2912.
Sk-táh-le-jum, treaty with, 2912.
Sk-táhl-mish, treaty with, 2912.
Smalhamish, treaty with, 2912.
Snake, treaty with, 3579.
Sno-ho-mish, treaty with, 2912.
Snoquálmoo, treaty with, 2912.
Soc, treaty with, 888.
Southern—
Commissioners to, recall, 263.
Negotiations with, 63.
Treaty with, President meets Senate for discussion of, 53.
Squawksin, treaty with, 2836.
Squi-aitl, treaty with, 2836.
Squin-áh-mish, treaty with, 2912.
Ste'h-chass, treaty with, 2836.
Steilacoom, treaty with, 2836.
St-káh-mish, treaty with, 2912.
Stockbridge—
Proceedings for relief of, referred to, 2167.
Treaty with, 1496, 1646, 1683, 1773, 2529, 2896, 3716.
Stoluck-whá-mish, treaty with, 2912.
Suquámish, 2912.

Susquehanna or *Conestoga*—A tribe of the Iroquoian stock of Indians now extinct. They formerly lived in Pennsylvania and Maryland along the Susquehanna River and at the head of the Chesapeake Bay. They were close allies of the Dutch and Swedes, but treacherous in their dealings with the English. The Susquehannas were overthrown by the Iroquois in 1675, after a desperate struggle. A remnant of the tribe was massacred by whites at Lancaster, Pa., in 1763.

Swin-á-mish, treaty with, 2912.
Tamarois, treaty with, 616.
Ta-wa-ka-ro, treaty with, 1612.
Teton, treaty with, 912.
Tonawanda, treaty with, 3014.
Tonkawa, agreement between Cherokee Commission and, 5638, 5649.
Turtle Mountain—
Agreement with, for cession of lands, 5781.
Referred to, 5382.

Tuscarora—A tribe of the Iroquois stock of Indians. Their name means "Unwilling to be with others." They early separated from the parent stock and emigrated to the South. They were first known to Europeans on the Neuse River, in North Carolina. In 1711 they attacked the whites and were almost annihilated. The survivors returned to the Iroquois in New York and became one of the Six Nations.

Tuscarora, treaty with, 344.
Umatilla, treaty with, 2914.
Umpqua, treaty with, 2762, 2836.
Upper Pend d'Oreille—
Agreement with, for sale of lands, 4740, 4779.
Treaty with, 2913.

Utah (*Uta, Ute,* or Youta)—A division of the Shoshonean family of Indians. They formerly occupied the central and western portions of Colorado and the northeastern portions of Utah. The Utahs are divided into about fifteen tribes and have been generally friendly to the whites. Some disturbances occurred between them and the Mormons, and also the miners of Pike's Peak. In 1865 they ceded large tracts of land to the Government.

Utah, treaty with, 2571, 3393, 3577, 3663.
Agreement with, referred to, 4538, 4552, 4576.
Appropriation for Ute Commission recommended, 4672.
Negotiations with, referred to, 4464, 4465.
Payments to, referred to, 4434, 4533.
Removal of, 4637.
Suppression of hostilities among, 4524, 4528.
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Wabash—
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Treaty with, 127.
Instructions to commissioner in concluding with Indians, 6271.
Troops must be called forth to suppress, 53, 74.
Wahpeton, treaty with, 3668.
Walla Walla, treaty with, 2513, 2514.

Wampanoag—A tribe of the Algonquian stock of Indians. Their early habitation was the country to the west of Narragansett Bay. They also ruled the country from the bay to the Atlantic, including the island of Martha's Vineyard. The name means "Eastern lands." The Wampanoags were sometimes styled Pokanokets, after their principal village. They were at first very kindly disposed toward the whites. In 1621 they entered into a friendly compact with the Plymouth settlers, and Massasoit, the chief of the tribe, was on good terms with Roger Williams. They resisted all attempts to convert them to Christianity. Philip, the son of Massasoit, began a war against the whites in 1675, which, after great loss to the whites, resulted in the extermination of the tribe.

Wascoe, treaty with, 2513.
Wea—
Convention with, 463, 464.
Treaty with, 566, 567, 616, 650, 2775, 3270, 3416.
Trust lands of, referred to, 3400.
Wichita—
Agreement between Cherokee Commission and, 5638, 5648, 5671.
Lands of, title to, referred to, 4778.

Winnebago—A tribe of the Siouan stock of Indians. The name is a corruption of a word meaning "dirty water." They called themselves Hotcangara, meaning "parent speech." Early in the history of the Northwest Territory the Winnebagoes migrated eastward, but were forced back to the vicinity of Green Bay, Wis. They were nearly exterminated through wars with neighboring tribes in the seventeenth century. They aided the French in the wars between France and England and were allies of the British during both the Revolution and the War of 1812. The Winnebagoes were active in the Indian war of 1793-94 and were subdued by Gen. Wayne. A treaty of peace was made with them in 1816. In 1826 and 1827 treaties were made fixing the boundaries of their hunting grounds. In 1829 they ceded large tracts of land to the General Government, and after several removals they were in 1866 settled upon reservations in Nebraska and Wisconsin.

Winnebago—
Agent for, recommended, 4959.
Claim of Omahas against, 4851.
Treaty with, 913, 961, 963, 989, 991, 996, 1027, 1029, 1170, 1612, 2771, 2775, 2839, 3109, 3574.

Wyandot—A tribe of the Iroquoian family of Indians. When first known to the whites they occupied a narrow strip of land in Ontario, but between 1615 and 1650 they were almost exterminated in war with neighboring tribes. They joined with another tribe and soon spread along the south and west shores of Lake Erie and acquired considerable influence. The Wyandots sided with the French till the close of Pontiac's War and aided the British in the War of 1812. The word "Wyandot" means "calf of the leg," and refers to the manner in which they cut their meat. They were called "Hurons" by the French on account of the arrangement of their hair, which resembled the bristles of a wild boar.

Wyandot—
Lands to be conveyed to, by Delawares, 2129.
Treaty with, 351, 378, 385, 422, 427, 448, 539, 554, 590, 616, 1132, 1445, 2010, 2662, 2834, 6271.
Opinion of Senate concerning, requested, 54.
Referred to, 2837.
Transmitted for exercise of powers for fulfilling, 6271.
Yakama, treaty with, 2914.
Yancton, treaty with, 912.
Yanctonie, treaty with, 912.

Indian Wars.—From the earliest years of our history difficulties have been constantly occurring with the Indians within our borders. Only one of these has had any special political significance, and but a brief reference to some of the principal Indian wars will be attempted.

Apache Outbreak.—In the autumn of 1879 the Apaches of New Mexico began attacks on white settlers in their vicinity. They were driven into Mexico by United States soldiers and their chief Victoria was killed and most of the band were captured or killed.

A band of Apaches under Chiefs Geronimo and Natchez left their reservation in Arizona in the spring of 1882 and kept up an irregular warfare for three years. Sept. 1, 1885, Gen. Crook captured the band, but they escaped in a few days. Crook was superseded by Gen. Miles. In the pursuit of the Indians Capt. Crawford was killed by Mexicans through an alleged mistake, and the Indians continued their depredations until September, 1886, when they surrendered under pledges which prevented trial for murder. They were soon after removed to Florida, where their leaders were kept.

Again, in 1890, the Sioux began their war dances in South Dakota, and were soon joined by other tribes. Gen. Miles was in command in Dakota, and was joined by Gen. Brook and Col. W. F. Cody (Buffalo Bill). Dec. 15, 1890, the Indian camp was seized, and in the struggle Sitting Bull, his son Crow Foot, and others were killed.

After this Chief Red Cloud counseled surrender, but Chief Big Foot and a band of about 160 warriors from the Cheyenne River repaired to the Bad Lands of Dakota. They were met at Wounded Knee Creek, Dec. 29, by Lieut. Hawthorne with the Seventh Cavalry and Maj. Whiteside's artillery. In the confused hand to hand fight the Indians were almost exterminated, including some 200 women and children. Capt. Wallace, Lieutenants Casey and Mann and several non-commissioned officers and privates were killed.

Black Hawk War.—In 1831 and 1832 the Sacs, Foxes and Winnebagoes, led by Black Hawk, refused to leave lands which they had ceded to the government, but the Black Hawk War, as the resulting disturbance is called, was soon ended and the leader captured.

In 1836 and 1837 there were minor disturbances in the South with the Creeks and Chicopees, connected with their removal west of the Mississippi.

Creek Indian Wars.—In 1813 and 1814 General Andrew Jackson conducted operations against the Creeks in the south, who were brought to terms by victories at Tallushatchie, Talladega and the Horse Shoe Bend of the Tallapoosa River.

Harrison's Expedition.—The Indians of the West formed a conspiracy some years later under Tecumseh and Elkswatama the Prophet, renewed hostilities, and were defeated in 1811 at Tippecanoe by General Harrison. During the war of 1812 the northern Indians joined their forces with the British and gave us much trouble; they, together with the British, were defeated at the River Thames in 1813 by Harrison, and Tecumseh was killed.

Miami Confederacy.—From 1790 to 1795 a war was waged with the Miami Confederacy in Ohio and neighboring territory. The confederacy was composed of the Miamias, Wyandots, Delawares, Potawatomies, Shawnees, Chippewas, and Ottowas. Generals Harmar and St. Clair met with reverses, but General Wayne crushed the outbreak in 1793.

Modoc War.—In 1872 the Modoc Indians in Oregon refused to go upon a designated reservation. They retreated before the troops to a volcanic region known as the lava-beds and could not be conquered. A peace conference held with them in April, 1873, was broken up by their treacherous murder of General Canby and Dr. Thomas. About the first of June, however, General Davis forced them to surrender; Captain Jack, their leader, and others were executed.

Nez Percé Outbreak.—In 1877 trouble with the Nez Percé Indians of Idaho, led by their chief Joseph, came to a head. General Howard was sent against them, they were soon hemmed in, and in October were completely defeated by Colonel Miles.

Pine Ridge Uprising.—On the last three days of December, 1890, and the first part of January, 1891. Major Forsyth was attacked in the Pine Ridge agency by dissatisfied Brûlés. They were repulsed and surrounded by Gen. Brook and the Second Infantry; about 4,000 Indians surrendered to Gen. Miles, who took some of their leaders to Washington to confer with President Harrison and Secretary Noble.

Seminoles.—In 1817 the Seminoles in Georgia and Alabama showed signs of hostility. General Jackson subdued them in the spring of the next year. In carrying out his campaign, thinking the Spaniards had encouraged the Indians, Jackson entered Florida, then a Spanish possession, and captured St. Marks. He seized two Englishmen, Arbuthnot and Ambrister, who were tried by court-martial on a charge of inciting the Indians, found guilty and executed. He then took possession of Pensacola and captured Fort Barrancas on the shore of the bay after a slight resistance. The execution of two British subjects raised such a storm of indignation in England that another war was threatened, but the English ministry admitted the justice of the act. Jackson's enemies endeavored to have Congress pass a vote of censure, but that body and the president supported him. Spain also complained of his proceeding, but without effect.

From 1835 to 1843 the Seminoles in Florida, led by Osceola, were in arms, refusing to remove to Western reservations. In December, 1835, Major Dade with a force of over a hundred men fell into an ambush and all but four of the command perished. Various battles were fought, but the Indians prolonged the war among the swamps of Florida for seven years. Colonel Zachary Taylor was among the leaders of our troops. Finally, after the expenditure of many men and much money the persistent Indians were removed to the West.

Sioux Uprising.—In 1876 the Sioux Indians gave trouble in the Black Hills region

on the borders of Montana and Wyoming. A large force of regulars was sent against them under Generals Terry, Crook, Custer and Reno. On June 25, 1876, the two latter attacked at different points a large Indian village situated on the Little Big Horn River. General Custer was killed with 261 men of the Seventh Cavalry and fifty-two were wounded. Reno held his ground till saved by re-enforcements. Additional troops were sent to the spot and the Indians were defeated in several engagements, and in the beginning of 1877 the Indian chief, Sitting Bull, escaped to Canada.

Ute Troubles.—In 1879 an outbreak of the Ute Indians cost the lives of the government agent, Major Thornburgh, and a number of soldiers before it was quelled.

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Discussed, 1166.
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Appropriation for suppression of, recommended, 1473.
Brevet rank for officers of Army participating in, 2008.
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Ute, discussed, 4524, 4528.
Wabash, troops must be called for to suppress, 53, 74.

Indiana.—One of the middle western group of states; nickname, "The Hoosier State." It is bounded on the north by Michigan and Lake Michigan, on the east by Ohio, on the south by Kentucky (separated by the Ohio River), and on the west by Illinois. The capital is Indianapolis.

Indiana was settled by the French (at Vincennes) in 1702 and was ceded to Great Britain in 1763 and to the United States in 1783. It became a part of the Northwest Territory in 1787 and was made a separate Territory in 1800, and was admitted to the Union Dec. 11, 1816. Area, 36,354 square miles. About 94 per cent. of the total area of the State is devoted to farming.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 215,485 (a decrease of 6,412 since 1900), comprising 21,299,823 acres, valued, with stock and improvements, at $1,809,135,238. The average value of land per acre was $62.36. The value of domestic animals, poultry, etc., was $173,860,101, including 1,363,016 cattle, valued at $39,110,492; 813,644 horses, $87,118,468; 82,168 mules, $9,678,014; 3,613,906 swine, $23,736,586; 1,336,967 sheep, $5,908,496.

The latest figures for the annual agricultural products are as follows:—

Crop	*Acreage*	*Bushels*	*Value*
Corn	4,750,000	175,000,000	$219,688,000
Wheat	2,886,000	46,020,000	96,642,000
Hay	2,200,000	3,080,000*	66,528,000
Oats	1,825,000	60,225,000	41,555,000
Rye	382,000	5,320,000	7,448,000
Potatoes	100,000	4,400,000	8,580,000
Tobacco	17,900	15,215,000†	5,355,000

*Tons. †Pounds.

Latest figures for live stock are as follows:—Horses, 821,000, valued at $82,921,000; cows, 724,000, $63,712,000; other cattle, 764,000, $39,422,000; sheep, 1,089,000, $12,850,000; swine, 4,760,000, $90,440,000; 93,000 mules, $11,904,000. The last annual wool clip was 5,337,000 pounds.

In recent years, the annual mineral output has been in the neighborhood of $50,000,000. Much of this comes from coal, the latest figures showing a coal output of 27,325,000 tons. There is some petroleum and natural gas, but these are eclipsed in importance by the cement, sandstone and limestone, and clay-working industries.

The population, according to the census of 1910, was 2,700,876. The 1920 census it as 2,930,544. The 1910 census showed less than 160,000 foreign-born. The urban population was 42½ % of the whole.

The latest figures show 774,642 children between the ages of six and twenty-one. The public school enrollment was 567,952, the total school enrollment being 603,000. There were 19,876 teachers, of whom 6,083 were male.

The number of manufacturing establishments in Indiana having an annual output valued at $500 or more at the beginning of 1915 was 8,022. The amount of capital invested was $668,863,000, giving employment to 233,270 persons, using material valued at $423,857,000, and turning out finished goods worth $730,795,000. Salaries and wages paid amounted to $155,854,000.

Indiana:
Boundaries of, referred to, 959.
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Volunteers from, national thanks tendered, 3442.

Indians.—When Europeans first came to this hemisphere they called the natives Indians on the supposition that the land was India. This was soon found to be an error, but the name Indians has continued to be applied to the people of both North and South America. As the Indians were mostly barbarous, and as those who were partially civilized possessed no written records or reliable tradition, their origin and history became a problem for the ethnologist.

Morton makes two grand divisions of the South American Indians—the Toltecan nations, who were civilized, and the barbarous tribes, the former embracing the ancient Mexicans and Peruvians and the latter all the uncivilized tribes. The Mayas of Yucatan built pyramids and had a literature. Some ethnologists claim that the American Indian is a distinct type of the human race, as indigenous to this continent as its fauna and flora, and as having subsisted as such from the earliest ages of the world. Others regard them as a branch of the Mongolian race which, at a remote period of their history, wandered from Asia to the American continent, and there remained for thousands of years separated from the rest of mankind and passing through various stages of progress or retrogression. Dr. Robert Brown says in his "Races of Mankind": "Not only are the western Indians in appearance very like their nearest neighbors, the northeastern Asiatics, but in language and tradition it is confidently affirmed there is a blending of the people. The Eskimo on the American and the Tchuketchis on the Asiatic side understand each other perfectly." Anthropologists also admit that between the various tribes from the Arctic Sea to Cape Horn there is greater uniformity of physical structure and personal characteristics than is seen in any other quarter of the globe. Though the red men of Canada differ in many respects from the wandering Guranis of Paraguay and both from the Azteca of Mexico, all exhibit strong evidence of belonging to the same great branch of the human family, notwithstanding the wide diversity of language. Generally the physical characteristics are a low broad forehead; full face; back of head flattened; powerful jaws; full lips; prominent cheek bones; dark, deeply set eyes; hair long and wavy; no beard; copper-colored skin; erect and slender figure; about the average in height.

In Mexico and Peru the aboriginal inhabitants were a rich, powerful, and highly civilized people dwelling in walled cities. They had fixed laws and were acquainted with some of the higher arts and the sciences. Taking similarity of language as a basis of grouping, the Indians of North America were divided into some sixty linguistic stocks. These stocks were composed of many tribes of varying dialects, and tribes sometimes united temporarily for purposes of offense or defense into confederations. The most important of these stocks were the Eskimaun, Athapascan, Algonquian, Siouan, Iroquoian, Sallishan, Shoshonean, Muskhogean, Caddoan, Yuman, Piman, Sahaptian, Kiowan, and Timuquanan. The different tribes with which the United States have had dealings are mentioned under separate headings.

These groupings proved to be neither accurate nor permanent, as tribes frequently split into several parts and either allied themselves with existing tribes or formed new ones and the simple language of any one was easily acquired by the recruits from another branch or family. Each tribe called itself by a name in its own language, which often was metaphorical, and varied from time to time. Then, too, its several neighbors called it in their languages by other names, which, according to their existing relations, might be terms of obloquy, friendship or of simple topographical description. The attempts of English, French, Dutch and Spanish to imitate the native tongue added to the confusion, and when attempts were made to write the names further discrepancies appeared. While it is customary to refer to the Indian as fast becoming extinct, figures compiled by the Bureau of Indian Affairs show an increase from the 60,000 to 80,000 estimated in colonial times to more than 330,000 in 1913. This is due to inter-

marriage, adoption of whites and blacks and to the fostering care of the federal government which provides rations, clothing, schools and other supplies at a cost of some $20,000,000 a year and supports the titles to nearly 40,000,000 acres of land, rapidly increasing in value.

Early groupings and location of tribes and the numbers at the present time are shown in the tables on the next page:

The names and location of the principal tribes of the eight great families in the present area of the United States east of the Mississippi at the time of the first settlements were as follows:

I. *Algonquin tribes:*
- Micmacs—East of the state of Maine.
- Etchemins or Canoemen—Maine.
- Abenakis—New Hampshire and Maine.
- Narragansetts and Pokanokets or Wampanoags—Eastern Massachusetts and Rhode Island.
- Pequots—Central Massachusetts and Rhode Island.
- Mohegans—Western Massachusetts and Connecticut.
- Delawares or Lenni Lenape—New Jersey, the valley, of the Delaware and Schuylkill.
- Nanticokes—Eastern shores of Chesapeake Bay.
- Powhatan Confederacy—Eastern Virginia and Maryland.
- Corees—Eastern North Carolina.
- Shawnees—South of the Ohio, western Kentucky, and Tennessee.
- Miamis—Southern Michigan, N. Indiana, and northwestern Ohio.
- Illinois—Southern Illinois and Indiana.
- Kickapoos—Northern and central Illinois.
- **Pottawatomies**—Northern Illinois.
- Ottawas—Michigan.
- Sacs and Foxes—Northern Wisconsin.
- Menomonees and Chippewas or Ojibways—Southern shore of Lake Superior.

II. *Wyandot or Huron-Iroquois tribes:*
- Eries (Huron or Wyandot-Iroquois)—Southern shore of Lake Erie.
- Andastes (Huron or Wyandot-Iroquois)—Head-waters of the Ohio.
- Wyandots (Huron or Wyandot-Iroquois)—Territory north of Lakes Erie and Ontario.
- Senecas (Iroquois proper)—Western New York, Long House.
- Cayugas and Onondagas (Iroquois proper)—Central New York.
- Oneidas and Mohawks (Iroquois proper)—Eastern New York.
- Tuscaroras (Iroquois proper)—Southwestern Virginia and North Carolina. Join the Iroquois of New York, 1713.
- Chowans, Meherrins and Nottaways (Huron or Wyandot-Iroquois)—Southern Virginia.

III. *Catawabas:*
- Western North and South Carolina.

IV. *Cherokees:*
- Mountainous regions of Tennessee, Georgia, North and South Carolina.

V. *Uchees:*
- About Augusta, Ga.

VI. *Natchez:*
- Northwestern Mississippi.

VII. *Mobilian or Muskhogees:*
- Chickasaws—Western Tennessee and northern Mississippi.
- Choctaws—Eastern Mississippi and western Alabama.
- Creeks or Muskhogees—Alabama and Georgia.
- Seminoles—Florida.

VIII. *Winnebagoes:*
- About Green Bay, Wisconsin.

The principal tribes west of the Mississippi between 1800 and 1830 were:
- Dakotas (Sioux)—Wisconsin, west to Rocky Mountains.
- Arapahoes—Wyoming, head-waters of Platte.
- Cheyennes—Wyoming and Nebraska.
- Kansas—Kansas, west.
- Poncas—Dakota.
- Omahas—Nebraska.
- Mandans—Montana.
- Assiniboins—Montana and Dakota.
- Minnetaries (Gros Ventres)—Montana.
- Missouris—Lower Missouri.
- Iowas—Iowa.
- Osages—Kansas, west.
- Crows—Dakota.
- Kaws—Kansas.
- Pawnees—Kansas and Nebraska.
- Caddos—Red River and Arkansas.
- Shoshones or Snakes—Kansas to Oregon.
- Kiowas—Kansas, west.
- Utes—Utah and Colorado.
- Comanches—Texas and New Mexico.
- Apaches—New Mexico and Arizona.
- Navajos and Mosquis—Arizona.
- Yumas—Arizona and California.
- Pueblos—Nevada and New Mexico.
- Pimas—Arizona.
- Bannocks—Idaho and Oregon.
- Modocs and Nez Percés—Nevada and Oregon.
- Flatheads—California, Oregon, and Nevada.
- Klamaths—Oregon and northern California.

The total number of Indians in the United States, exclusive of Alaska, on June 30,

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Indian Population of the United States, Exclusive of Alaska, latest reports.

(Figures compiled from reports of Indian School superintendents, supplemented by information from 1910 census for localities in which no Indian Office representative is located.)

Grand Total	335,753
Five Civilized Tribes, including freedmen and intermarried whites	101,519
By blood 75,532	
By intermarriage 2,582	
Freedmen 23,405	
Exclusive of Five Civilized Tribes	234,234

INDIAN POPULATION BY STATES AND TERRITORIES

Alabama ...	909	Montana ...	11,450
Arizona ...	44,436	Nebraska ..	3,941
Arkansas ..	460	Nevada	7,915
California .	15,335	New Hamp..	34
Colorado ...	898	New Jersey.	168
Connecticut..	152	New Mexico	20,819
Delaware ..	5	New York ..	6,245
Dist. of Col.	68	North Car. .	8,096
Florida	578	North Dak...	8,887
Georgia ...	95	Ohio	127
Idaho	4,162	Oklahoma .	*118,996
Illinois	188	Oregon	6,544
Indiana ...	279	Rhode Island	284
Iowa	363	South Car..	331
Kansas	1,415	South Dak..	21,237
Kentucky ..	234	Tennessee ..	216
Louisiana ..	780	Texas	702
Maine	892	Utah	3,215
Maryland ..	55	Vermont ...	26
Massachusetts	688	Virginia ...	539
Michigan ..	7,514	Washington.	11,438
Minnesota .	11,758	West Va...	36
Mississippi .	1,253	Wisconsin .	9,997
Missouri ...	313	Wyoming ..	1,684

*Includes 23,405 freedmen and 2,582 intermarried whites.

1910, was 304,950, of whom more than 100,000 are members of the five civilized tribes of Cherokees, Chickasaws, Choctaws, Creeks and Seminoles, living on their own lands in Oklahoma and are practically self-supporting. About one-third the number wear citizen's dress and one-fourth the number read, write and converse in English.

The activity of the Bureau of Indian Affairs has always been directed toward two main ends—the improvement of the Indian's health and his education in self-supporting activity. In twenty-two western reservations demonstration farms have been established for the benefit of the Indians, and in some places the state authorities have cooperated with the Federal bureau in teaching. In the Yakima Reservation fifty-six Indians raised 23,000 bushels of wheat, while others raised alfalfa. Among the Nebraska Winnebagoes the value of the crops for 1911 was estimated at $90,000. For the education of children the Federal bureau maintains 223 day schools, seventy-nine boarding schools on reservations, and thirty-five non-reservation boarding schools. The enrollment for 1910 was 24,500. Carlisle (Pa.) and Hampton (Va.) Indian schools are the largest.

Uncle Sam's Work Among the Indians.—A tremendous amount of time, money and attention is spent by Uncle Sam upon his Indians. The official care of more than 300,000 Indians is something more than mere child's play, especially when it is remembered that hundreds of millions of dollars' worth of property are owned by the redmen. In the month of September, 1916, over $7,000,000 in per capita payments was being distributed to the Choctaw, Chicasaw and Seminole tribes alone. An excellent idea of the character of our work for the Indians before our participation in the World War diverted our interest from domestic to foreign affairs may be seen from the following resumé of our Indian work for the three years 1913-1916:

During the three years 1913-1916 more than $687,000 was collected under the administration of Secretary Lane as tribal royalties on coal and asphalt lands belonging to the Choctaw and Chickasaw tribes; for the years 1913, 1914 and 1915 restrictions on alienation of 191,644 acres of land were removed, of which 159,000 acres were sold for the benefit of allottees, the amount derived from the sale being $1,568,000.

For the three years 1913-6 there was collected as royalties of individual Indians from oil produced on restricted allotted lands the total sum of $5,563,000, the highest returns being for the year 1914, which was $2,113,000.

Of the original area allotted to members of the Five Civilized Tribes, amounting to over 15,000,000 acres, restrictions on alienation have been removed by operation of law, by the Secretary of the Interior, on over 12,000,000 acres, leaving 3,318,000 acres retained by only 32,540 restricted Indians of a total number of 101,521 enrolled members of the Five Civilized Tribes.

Highly aggressive work was carried on during the same three years in all other departments of the Indian Office. In that time more than 13,000 allotments of land were made, embracing more than 2,284,000 acres; the new Fort Peck Reservation in Montana was opened to settlement; the opening of the Colville Reservation in the state of Washington, making available for homestead entry 350,000 acres; the designation of 706 banks as depositaries of Indian moneys as against 450 banks in 1913, with amounts aggregating more than $20,000,000.

There was in addition the withdrawal of lands in Arizona for the Papago Indians; the granting of new oil and gas leases in the Osage Reservation, Oklahoma, on the expiration of the Foster lease, procuring as a bonus value for the tribe $3,232,600, an increase in royalty from 12½ per centum to 16⅔ per centum and 20 per centum on oil, and an estimated increase in royalty on gas from 600 to 700 per centum over the amount paid on the old form of lease, which expired March 16, 1916.

Competency commissions have been appointed to pass on qualifications of Indians to individually handle their affairs and these commissions are at work in the Southwest, their recommendations so far having resulted in the fee patenting of over 132,000 acres, thereby placing within the taxing power of the States of Idaho, Montana, Oregon, Nebraska, North Dakota and South Dakota, considerably over two and one-half millions of dollars' worth of property.

Within the years from 1913 to 1916 there were fee patented to Indians in States west of the Mississippi over 500,000 acres, thereby adding over $10,000,000 worth of property subject to State taxation. The total number of acres granted in fee to individual Indians and white purchasers during the three years 1913-6 was 784,000 acres and a fair, conservative valuation thereof, subject to taxation by Western States, is $14,500,000.

In 1916 there were among the Indians 617 churches. About 40,000 Indians under government supervision go regularly to Protestant churches and about 57,000 to Catholic churches. About 113,000 Indians in that year spoke the English language and some 75,000 read and wrote it, 190,000 wore citizens' dress, 80,000 were citizens and 26,000 voted.

A census report for a recent year gives the area of the Indian land as 71,977,829 acres. There were 26,956 Indians engaged in industries other than farming and stock-raising, making products worth $1,200,000. The total tribe and individual property was valued at $653,418,462.

About 65,000 Indians are completely self-supporting.

In 1916, there were 81 hospitals in the Indian service, with a capacity of 2,283. In that year, they treated 15,666 patients. There were 400 Indian schools in that year, with 61,243 children on their rolls.

Following are the Commissioners of Indian Affairs appointed since 1880:

	Appointed		Appointed
R. E. Trowbridge	1880	D. M. Browning	1893
Hiram Price	1881	Wm. A. Jones	1897
J. D. C. Atkins	1885	Fr. E. Leupp	1904
John H. Oberly	1888	R. G. Valentine	1909
T. J. Morgan	1889	Cato Sells	1913

Indians:

Absorption of, into body politic, discussed, 6726.

Act—

Making laws of States and Territories applicable to reservations recommended, 4643.

To establish peace with, referred to, 3796.

To transfer custody of trust funds of, vetoed, 4332.

Action recommended to enable Iroquois, Delaware and Abenaki, in Canada, to attend Exposition held at Omaha, Neb., 6304.
Act to refer claims for depredations by, to Court of Claims, vetoed, 6462.
Additional troops for Indian country recommended, 4330.
Agencies appointed. (See Indian Agents.)
Agents among. (See Indian Agents.)
Agricultural and manufacturing among, should be encouraged, 340, 347, 1391.
Allotment of lands in severalty to, recommended. (See Lands, Indian.)
Annual allowances given, 114, 347, 363, 378, 1031, 1391.
Annuities given, who fought with Great Britain against United States referred to, 1131.
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Citizenship of, discussed, 7014.
Civilization of—
  Appropriation for, 1334, 1391.
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Claims of, against United States (see also the several tribes)—
  Appropriation for, recommended, 1031.
  Settlement of, referred to, 2410.
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  More capital should be employed in, 361.
Commission for settlement of differences with, recommended, 51.
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  Bill providing for improvement of, referred to, 4656.
  Discussed by President—
    Adams, J. Q., 981.
    Arthur, 4641, 4730.
    Cleveland, 4940, 5103, 5375, 5380, 5885, 5976, 6167.
    Grant, 3992, 4106, 4206.
    Harrison, Benj., 5480.
    Hayes, 4427, 4454, 4528, 4575.
    Jackson, 1020, 1082, 1117.
    Monroe, 648.
    Van Buren, 1715.
  In Florida referred to, 894.
  Report on, transmitted, 2609.
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Conventions with. (See Treaties with, *post.*)
Corps of Indian auxiliaries recommended, 4454.
Crimes of—
  Trial and punishment for, referred to, 4955.
  Trial in United States courts recommended, 2279.
Debts due by, payment of, should be limited, 1446.
Depredations of, referred to, 74, 87, 96, 118, 122, 163, 1645, 2410.
  Abuses in prosecution of claim, 5885.
Difficulties with, reports on, referred to, 4012.
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Education of, 6674, 6802, 7014. (See also Indian Schools.)
Employed by Great Britain in war against United States, 500, 520.
  Tribes receiving annuities after war referred to, 1131.
Enlistment and organization of, into companies discussed, 5631.
Enslaved in New Mexico, 3540.
Exhibition at Omaha, 6304.
Expeditions among, 2898.
Expenditures for. (See Indian Affairs, Bureau of.)
Farm lands for, recommendations regarding, 4528.
Frontiers must be protected from. (See Frontiers.)
Funds, tribal, individual allotment of, 6674.
General allotment Act, 6674.
Gospel propaganda among, 981.
Government established by, within States would not be recognized, 1020.
Government for, council at Ocmulgee for, 4073.
History and condition of, investigated, 2609.
Homestead entries for. (See Homestead Laws.)
Hostile attitude of Creeks, 1472, 1473.
  Hunkpapa treaty with, 912.
Hostile disposition of, 128, 143, 3774.
Hostilities against United States, should be restrained by France from committing, 600.
Hostilities of. (See Indian Wars.)
Hostility of, to United States due to influence of British Government, 489, 500.
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Husbandry, practice of, introduced among, 314.
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Ceded to United States by. (See Lands, Indian; the several tribes.)
Donated to Jackson and Hawkins by, as mark of gratitude, 555.
Granted to, by United States. (See Indian Reservations; Lands, Indian; the several tribes.)
Lands to be reserved for, 3881, 4576.
Lands, tribal, 6674, 6875.
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To allottees, recommended, 6167.
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Army engaged in, 1833.
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Jackson, 1021, 1039, 1082, 1104, 1117, 1132, 1167, 1251, 1274, 1390.
Monroe, 759, 849.
Polk, 2279, 2303.
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Territorial government for, recommended, 4073, 4106, 4154, 4206, 4254.
Trade with, 773, 1099.
Act to regulate, discussed, 1099.
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Compensation paid persons for negotiating, referred to, 1745, 1808.
Discussion of, in executive session referred to, 4006.
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Appropriation to carry out policy of, recommended, 4106.
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Wars with. (See Indian Wars.)
Welfare of, 6674.

Indigent Insane, act making grant of lands to States for benefit of, vetoed, 2780.

Indo-China.—The southeastern peninsula of Asia, sometimes called Farther India. It includes Burma, Siam, French Indo-China, Federated Malay States, Straits Settlements, and several Malay states. Consult the countries mentioned and also Asia.

Industrial Accidents.—There exist no comprehensive statistics of industrial accidents throughout the United States. Whatever statistics exist are either those for a particular state or those in a particular industry.

It is estimated that in normal years of employment in the United States there occur 30,000 deaths from industrial accidents, with 1,400,000 injuries worth reporting, 700,000 injuries involving a disability of more than four weeks, and 140,000 permanently disabling in some form.

The last available figures show that on the railroads of the United States 3,600 persons (mostly employees) are killed annually and 140,000 are injured. The ratio of the employees killed is 3 for every 1,000 in positions involving risk.

In agriculture 1 of every 15 deaths is accidental; in manufacturing 1 in 8½; in mining 1 in 2½; in railroading, 1 in 2. Some idea of the record of the United States in this problem is seen by the fact that in coal mining our record is 3½ deaths per thousand; in Prussia the record is 2 per 1,000; in Great Britain 1¼; and in Belgium, 1. However, the record of the United States is not the highest considering production of tons of coal.

Fatalities from accidents are highest in metal mining (4 per 1,000), followed by coal mining (3½ per 1,000), fisheries and navigation (3 per 1,000); railroading (2.4 per 1,000); quarrying (1.7 per 1,000); lumbering (1½ per 1,000); building and construction (1½ per 1,000); agriculture (.35 per 1,000); and general manufacturing (.25 per 1,000).

In 41% of industrial accidents disability ends after 1 week; in 60%, after 2 weeks; in 78% after 3 weeks; and in 93%, within 1 month.

More than 2,000 men are killed every year in coal mines in the United States, an average of more than 3 deaths per thousand men employed. In metal mines, the number of deaths in five recent years was 3,216, an average of 643 annually; in smelting plants, 201, an average of 40 annually, with an average of 6,850 injured annually; in ore-dressing plants, 170 deaths, an average of 34 annually, with an average of 2,685 injured annually; in coke ovens, 285 deaths, an average of 57 annually, with an average of 5,325 injuries annually; and in quarries, 700 deaths, an average of 140 annually.

The proportionate number of workers injured in industry has been greatly decreased during the last ten years by the increasing amount of attention paid to safety measures.

In a recent year, the average duration of disability due to industrial accidents in Massachusetts was about 12½ days. In about three-fourths of the accidents, the disability was for two weeks or less. The accidents per thousand of employees in the state's leading industries for that year were as follows:

Automobile factories....271
Foundries and metal works....257
Slaughter and packing houses....178
Electrical supplies....164
Rubber factories....153
Boxmakers (wood)....125
Tanneries....116
Car and railroad shops....99
Boxmakers (paper)....74
Candy....66
Woolen and worsted mills....65
Cotton mills....64
Other mills....51
Boots and shoes....51
Clothing....21

Industrial Companies, investigation of, by Department of Justice, recommended by President Taft, 7453. (See also Business; Corporations; Trusts; Incorporation.)

Industrial Conditions discussed, 6645, 6647. (See also Capital, Labor, Business. Labor Arbitration, Strikes, Trade Unions, Corporations and similar headings.)

Industrial Conference at Washington, D. C., purpose of, 8817.

Industrial Congress Party.—In 1848 this ephemeral political party nominated Gerritt Smith for President and William S. Waitt for Vice President at Convention in Philadelphia.

Industrial Courts. (See Labor Arbitration.)

Industrial Disputes, compulsory government investigation of, 7089. (See also Labor Arbitration.)

Industrial Education. (See Education, Industrial.)

Industrial Exhibitions. (See Exhibitions.)

Industrialism the dominant note in modern life, 6895.

Industrial Peace hoped for, 8928.

Industrial Peace Committee.—The committee of the Norwegian Storthing entrusted with the distribution of the Nobel prize money in 1906 awarded to President Roosevelt that portion allotted to the person who should do the most to promote peace

and fraternity among nations. The value of the prize was about $40,000. The President expressed a wish that this award be made the nucleus of a fund for the promotion of industrial peace at home, and Congress passed an act which he approved March 2, 1907, creating the Foundation for the Promotion of Industrial Peace. This law provided that the Chief Justice of the United States, the Secretary of Agriculture, and the Secretary of Commerce and Labor, and their successors in office, together with a representative of labor and a representative of capital and two persons to represent the general public, to be appointed by the President of the United States, be created trustees of the Foundation for the Promotion of Industrial Peace. The plan failed and the money was returned to Mr. Roosevelt.

Industrial Property, international convention at Paris for protection of, 4560, 4794, 4857, 5118.

Industrial Property Union, protection of, 7671.

Industrial Relations Commission.—The frequent interruption of peaceful relations between employers and wage-workers, especially on transportation lines and in the supply of commodities in general use, with the consequent loss and annoyance to the public, has been the subject of presidential concern in recent years, and the attention of Congress has been called to the necessity of federal action by Presidents McKinley, Roosevelt and Taft. The latter, in his message of February 2, 1912 (page 7725), recommended that a Commission be appointed to inquire into the question with the view of ascertaining the underlying cause of such disturbances. Congress accordingly passed a law in August, 1912, creating such a commission, charged with the following duties:

That the commission shall inquire into the general condition of labor in the principal industries of the United States, including agriculture, and especially in those which are carried on in corporate forms; into existing relations between employers and employees; into the effect of industrial conditions on public welfare and into the rights and powers of the community to deal therewith; into the conditions of sanitation and safety of employees and the provisions for protecting the life, limb and health of the employees; into the growth of associations of employers and of wage-earners and the effect of such associations upon the relations between employers and employees; into the extent and results of methods of collective bargaining; into any methods which have been tried in any state or in foreign countries for maintaining mutually satisfactory relations between employees and employers; into methods for avoiding or adjusting labor disputes through peaceful and conciliatory mediation and negotiations; into the scope, methods and resources of existing bureaus of labor and into possible ways of increasing their usefulness; into the question of smuggling or other illegal entry of Asiatics into the United States or its insular possessions, and of the methods by which such Asiatics have gained and are gaining such admission, and shall report to Congress as speedily as possible with such recommendation as said commission may think proper to prevent such smuggling and illegal entry. The commission shall seek to discover the underlying causes of dissatisfaction in the industrial situation and report its conclusions thereon.

The Commission appointed consisted of Frank P. Walsh, Chairman, Kansas City, Mo.; Prof. John R. Commons of Madison, Wis.; Mrs. J. Borden Harriman, New York City; Harris Weinstock, Sacramento, Cal.; S. Thurston Ballard, Louisville, Ky.; John B. Lennon, Bloomington, Ill.; James O'Connell, Washington, D. C.; Richard H. Aishton, Illinois, and Austin B. Garretson, Cedar Rapids, Iowa. Three of the Commission represented employers; three, employees; and three, the public.

The Commission held many public hearings on all the subjects making for industrial unrest, inviting representatives of all organized movements to give their testimony and their views, as well as individuals who had made studies in any of the fields coming under discussion. In addition, a number of investigations were made by direction and authority of the Commission.

The Commission finished its labors in 1915, but its members were unable to agree on a single report. One report, prepared by Professor B. P. Manly and sympathetic toward the position of Labor and radicals, was signed by the chairman and the three labor representatives. Another report, prepared by Professor Commons, was signed by Mrs. Harriman, and agreed to by the three employers' representatives with certain reservations. In addition, there were several separate reports endorsed by various members of the Commission. The value of the Commission's labor was hence not in the remedies it proposed, but in the wealth of material bearing on social unrest which it obtained and published.

The hearings held by the Commission covered a total of 154 days. 740 witnesses were heard, representing all kinds and conditions of men, from an Italian wife of 15 (married at 13) to Mr. John D. Rockefeller, Jr. 230 of the witnesses were affiliated with the employer class and 245 with the employed class, with 265 who were classed as neutral. In the number were 134 employers, managers, etc.; 135 trades-union officials, 90 working-people, 69 public officials, 10 efficiency engineers, 6 Socialists, 8 I. W. W., 51 educators, economists, and investigators, and 10 clergymen. Chances for rebuttal and for cross-examination were generously afforded.

Industrial Relations, Commission on, appointment and purpose of, discussed, 7725.

Industrial System, limitations of, 7869.

Industries. (See Business; Corporations; Trusts; Commerce; Labor.)

Industries, importance of, during war with Germany, 8250.

Industrial Workers of the World.—The I. W. W. had its beginnings after a number of labor struggles in the West at the early part of the twentieth century, especially after the Colorado strike in 1903. It was organized in 1905, by a combination of the Western Federation of Miners, the United Metal Workers and the Labor Alliance. It later split into two branches, the latter, with headquarters in Detroit, finally taking the name of the Workers' International Industrial Union.

The philosophy of the I. W. W. is neither Socialist, Anarchist, Communist nor Bol-

shevist, but Syndicalist. (See Socialism.) It thus believes in the workers' control of the state by industrial action, rather than by political action, although it is non-political. It favors the general strike, industrial unionism (all the workers of an industry in one body) rather than separate craft unionism (such as separate crafts within the same general industry), direct instead of political action, and sabotage. Its membership is restricted chiefly to the migratory workers in the lumber camps, harvest fields and mines and to the more unskilled occupations. It is subdivided into twelve industrial unions and its present membership is probably less than 50,000.

Of late years, the I. W. W. have come into strong disrepute throughout the country; federal, state and local legal and extra-legal prosecutions have placed many of their leaders in jail; and many laws have been enacted which aim at I. W. W. membership and practises, especially sabotage.

Industry, Captains of, personal equation of, factor of success, 6646.

Infant Mortality.—A recent report of the federal census reveals that in the registration area (see Death Rate) there were in one year 77,572 deaths of children under one year of age, in a total population of 31,150,803. The proportion of such deaths to the number of births in that year was 10%—9.9% for white infants and 18.1% for colored.

In the urban section of the registration area the deaths of the children under one year totalled .02¾% of the total population. For the urban whites, the figures were slightly above .02½% and for the urban colored slightly under .04%.

In the rural section, the deaths of the children under one year totalled .02¼% of the total population, the figures for the white being slightly below that figure and for the colored approximately .03%. (See also Children's Bureau.)

Infantile Paralysis. (See Poliomyelitis.)

Inflation Bill.—This bill was passed by Congress in 1874, and was calculated to make possible a great increase in paper currency. The bill was vetoed by President Grant as repugnant to the business interests of the country because of its delayal of specie payments.

Inflation of Currency:

Dangers of, 8505.

Effect of, on prices, trade and wages, 1407.

Subtreasury system prevents, 2406.

Influenza Epidemic, 1918-1919.—A particularly virulent and fatal epidemic of Spanish influenza swept across the United States in the autumn of 1918, extending into the first months of 1919. The epidemic was of world-wide scope, the countries of greatest fatality being India and the United States, although Germany, Mexico, Japan, England and Spain also suffered severely. The epidemic in the United States occurred at the time when the concentration of drafted men in military cantonments for training in the war against Germany was at its height, and the conditions in cantonments were obviously of a nature to encourage the spread of the disease among the drafted men. The United States army in the War suffered more deaths from influenza than from battle.

Very little is known of the Spanish influenza. The Italians believed that the disease arose from the influence of the stars, hence its name. The epidemic of 1918-9 found medical authorities with no definite remedy against it and with little consensus of opinion regarding its treatment. The last great preceding influenza epidemic was that of 1889-1891, when the disease appeared first in China, whence it passed into Russia, Europe and Japan via the United States. The first recorded influenza epidemic in the United States is that of 1647, when the disease was introduced by a vessel from Spain (hence the appellation, "Spanish influenza"). The epidemic of 1918-9, which to a slighter extent was repeated in the autumn and early winter of 1919, differed from that of 1889-1891 chiefly in the severity of the after-effects of the disease, the most serious after-complication being pneumonia, which caused an unusually high death-rate.

It was estimated that the total number of deaths in the United States from the influenza epidemic of 1918-1919 was between 450,000 and 500,000, including some 25,000 in the Army. The epidemic death rate per thousand was 4.2. The highest death rate reported, between 15 and 20 per thousand, came from India. Other deaths reported were as follows, per thousand—Spain, 6.7; Germany, 5.9; Canada (Quebec), 5.4; England, 3.7; Australia, (Victoria), 1.9; Japan, 2.9. Using these figures, the total number of deaths caused in the world by the epidemic was estimated at 10,000,000, including, in addition to the deaths in India and the United States, 400,000 in Germany; 123,570 in England and Wales; 170,000 in Japan; 140,000 in Spain; and 435,000 in Mexico.

Among cities in the United States, the highest death rates were suffered by Nashville, 8.7 per thousand; Kansas City, Mo., 7.1; Philadelphia, 7.3; New Orleans, 7.2; San Francisco, 7.6; Pittsburgh, 8; Worcester, Mass., 7.1. The death rate for New York City was 4.7 and for Chicago, 3.8.

Information Bureau, State Department.—The Division of Information in the Department of State was formed in 1909 by Secretary of State P. C. Knox. It falls under the supervision of the Counselor to the State Department (q. v.); and has charge of the "preparation and distribution to the foreign service of diplomatic, commercial and other correspondence and documents important to their information upon foreign relations." The Information Bureau also edits the department's publication called *Foreign Relations*. (See State Department.)

Information, International Bureau of, establishment of, at Washington recommended by International American Conference, 5506.

"In God We Trust."—"In God We Trust" first appeared on the copper two-cent issue of 1864, and was the first use of the word "God" in any Government act. The sentence was introduced by James Pollock, Director of the Mint, with the approval of the Secretary of the Treasury, Salmon P. Chase. It appeared on the 1866 issue of the double eagle, eagle, half-eagle, silver dollar, half-dollar, and nickel five-cent piece, in lieu of the long existing motto of "E Pluribus Unum." In the Trade Dollar

issue (1873) both mottoes were retained, "In God We Trust" appearing on the obverse.

Some of the coinage of 1907 appearing without the customary legend, much criticism was aroused and Congress on May 18, 1908, passed the following act, restoring the motto to the coins: Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the motto, "In God We Trust," heretofore inscribed on certain denominations of the gold and silver coins of the United States of America, shall hereafter be inscribed upon all such gold and silver coins of said denominations as heretofore.

Inheritance Tax.—A tax upon the estate of a deceased person has always been considered a proper and legitimate form of public revenue. The deceased, having enjoyed the protection of the state during life, and dying with the assurance that the state will carry out his last wishes, is under some obligation to the community, while the beneficiary will not feel the slight decrease in his legacy taken by the power that guarantees its legal transfer.

Federal Inheritance Tax.—The national government has imposed inheritance taxes temporarily on three different occasions. The first was in 1797, when war with France threatened; again in 1862, during the Civil War, and the third time during the Spanish-American War of 1898. President Roosevelt suggests it to Congress as a permanent source of revenue in his sixth annual message (page 7043), and repeats his recommendation in his seventh annual message and cites in support of his argument the fact that England, France and Germany collect such taxes. (Page 7083.) President Taft also recommends a graduated inheritance tax as a means of meeting a deficiency in the revenues. (Pages 7370 and 7390.)

The Federal inheritance tax was revived by act of Congress approved September 8, 1916. It was amended by act approved March 3, 1917, the rates of the two acts being as follows:

Inheritance[1]	*Rates Act of 1916*	*March 3, 1917*
Up to $ 50,000..	1%	1½%
On next 100,000..	2%	3%
On next 100,000..	3%	4½%
On next 200,000..	4%	6%
On next 550,000..	5%	7½%
On next 1,000,000..	6%	9%
On next 1,000,000..	7%	10½%
On next 1,000,000..	8%	12%
On next 1,000,000..	9%	13½%
On all above 5,000,000..	10%	15%

[1]Net inheritance, after the deduction of all claims allowable and, in the case of a resident decedent, the specific *exemption of* $50,000.

The act of October 3, 1917, raised the rates on the amounts of the net inheritances given above to 2, 4, 6, 8, 10, 12, 14, 16, 18 per cent, the latter being on the amount of the net inheritance between $4,000,000 and $5,000,000. On the amounts of the net estate above $5,000,000, the taxes were as follows:—On the amount between $5,000,000 and $8,000,000, 20%; between $8,000,000 and $10,000,000, 22%; above $10,000,000, 25%. The same exemption as above was allowed.

War Revenue Act of February 24, 1919—The rates on estates fixed by this act were as given below. The tax was imposed on the net estate of persons dying after the passage of the act, whether a resident or non-resident of the United States. The net estate was the gross estate less certain deductions allowed. The *gross estate* comprised the value of decedent's property, real or personal, tangible or intangible, at the time of his death. It included any transfer of property except that for proved business transactions which had been made within two years of the decedent's death or in contemplation of death or to take effect at death, the value of property over which he exercised general power of appointment, his interest in property held jointly, insurance payable to his estate under policies taken out by him, and all such insurance above $40,000 receivable by all other beneficiaries.

Deductions permitted included claims against the estate, funeral expenses, losses and expenses incurred during the settlement of the estate, etc.; amounts expended for the support of dependents during the settlement of the estate; the value of a bequest received from the estate of a person who died within five years prior to the death of the decedent, if an inheritance tax under the law of 1917 or this present law had been collected from such estate; bequests and gifts for public, charitable, religious, philanthropic, educational, etc., purposes; and, in the case of a resident of the United States, an *exemption of* $50,000. There were especial provisions to determine the amount to be taxed against the net estate of non-residents, who, among other provisions, were not allowed the exemption of $50,000 mentioned above. The tax was payable one year after the decedent's death, except by especial extension granted.

The inheritance taxes assessed by the act of February 24, 1919, and continued by the Act of November 23, 1921, were as follows:

Net Estate[1]	*Amount of Tax*
Up to $50,000	1%
Of the amount between $50,000 and $150,000	2%
Of the amount $150,000-$250,000	3%
Of the amount $250,000-$450,000	4%
Of the amount $450,000-$750,000	6%
Of the amount $ 750,000-$1,000,000..	8%
Of the amount $1,000,000-$1,500,000..	10%
Of the amount $1,500,000-$2,000,000..	12%
Of the amount $2,000,000-$3,000,000..	14%
Of the amount $3,000,000-$4,000,000..	16%
Of the amount $4,000,000-$5,000,000..	18%
Of the amount $5,000,000-$8,000,000..	20%
Of the amount $8,000,000-$10,000,000.	22%
Of the amount above $10,000,000....	25%

[1]For the $50,000 exemption allowed all estates, see above.

State Inheritance Tax.—Most of the states tax inheritances and also provide for the settlement of the estate. In a recent year, the states collected a total of $57,351,593 in inheritance taxes. The largest amounts came from New York, $18,135,507; Pennsylvania, $10,198,718; California, $6,804,732; New Jersey, $4,709,434; Massachusetts, $4,296,508; Illinois, $3,368,905; and from the following states, where the total was more than $1,000,000, but less than $2,000,000: Connecticut, Missouri, Michigan, Rhode Island, Wisconsin, Ohio, Minnesota. In most states, if so provided by the will, no bond is required of the executor, but in practically all he may be required to give bond for cause shown. The usual procedure may be thus summarized:

1. Who to Administer.—(a) If the deceased leaves a will, the duty of adminis-

tration falls upon the executor. If no executor is named, or in the event of the death or refusal of the executor to act, the Court will grant administration under the will to some suitable person, generally selected from those most largely interested under the provisions of the will, such as the residuary legatees, if any. (b) If the deceased died intestate, letters of administration are granted to the following persons in practically all the states:

First—To the surviving husband or widow.

Second—To one or more of the next of kin entitled to share in the estate.

Third—If none of the above consent to act, to one of the creditors of the estate, except in localities where there is provided by law a Public Administrator, who is preferred to creditors. In practically all the states an administrator is required to give bond for the faithful performance of his duties in double the value of the estate to be administered.

2. Claims of Creditors.—The procedure in the several states in presenting creditors' claims against the estate varies considerably. In the majority of the states the executor or administrator is required promptly to give public notice to creditors to present their claims to him, and the creditors are required so to present their claims supported by an affidavit that the same are justly due and owing from the estate, above any offsets or counter claims, within a period limited generally to six months or a year. The law of each state should be consulted for more specific details. Most of the states direct a final closing of the estate by the executor or administrator within a year or eighteen months after his appointment, though the time limit may be extended by the Probate Court if conditions require it.

3. Most states exempt from inheritance tax legacies for charitable, religious and educational purposes, and make no distinction between real and personal property. The state inheritance taxes are as follows:

Alabama.—No inheritance tax.

Arizona.—To grandfather, grandmother, parents, husband, wife, child, brother, sister, son-in-law, or daughter-in-law, or adopted child, 1 per cent. $5,000 exempt to each beneficiary above named. Estates less than $10,000 exempt. To uncle, aunt, nephew, niece or descendant thereof, 2 per cent; $2,000 exempt to each beneficiary named. Estate less than $5,000 exempt. To others, 3 per cent up to $10,000; 4 per cent from $10,000 to $20,000; 5 per cent from $20,000 to $50,000; 6 per cent above $50,000. $500 exempt.

Arkansas.—On amounts not exceeding $5,000 the rate is 1 per cent to parents, husband or wife, child or adopted child, brother, sister, son-in-law or daughter-in-law. To all others the rate on the same amount is 3 per cent. $3,000 passing to widow or minor child and $1,000 passing to the other immediate relatives mentioned is exempt. The exemption to others more remote is $500. On amounts in excess of $5,000 the primary rates (1 per cent and 3 per cent respectively) are increased as follows: From $5,000 to $10,000, twice the primary rates; from $10,000 to $30,000, three times the primary rates; from $30,000 to $50,000, four times; $50,000 to $100,000, five times; $100,000 to $500,000, six times; $500,000 to $1,000,000, seven times; above $1,000,000, eight times.

California.—(a) To husband, wife, descendant, ancestor, adopted children or their issue, the tax is 1% up to $25,000; 2% between $25,000 and $50,000; 4% between $50,000 and $100,000; 7% between $100,000 and $200,000; 10% between $200,000 and $500,000; 12% between $500,000 and $1,000,000; and 15% on inheritances above $1,000,000. To widow or minor child, $24,000 is exempt from the tax; to others, $10,000. (b) To brother, sister or their descendants, or son-in-law or daughter-in-law, 3% up to $25,000; upon the increasing amounts in the preceding paragraph the rates are 6%, 9%, 12%, 15%, 20%, and 25%. $2,000 exempt from tax. (c) To uncles, aunts, or their descendants, 4% up to $25,000; upon the same increasing amounts the rates are 8%, 10%, 15%, 20%, 25%, and 30%. $1,000 exemption. (d) To others more remote in blood, 5% up to $25,000; the rates increase as above up to $500,000 as follows: 10%, 15%, 20%, and 25%, above $500,000 the rate is 30%. $500 exemption.

Colorado.—To parents, husband or wife, child or descendant, brother, sister, son- or daughter-in-law, or adopted child, $10,000 exempt. Rates on excess, 2% up to $100,000; 3%, $100,000 to $200,000; 4% above $200,000. To uncle, aunt, nephew, niece or their descendants, $500 exempt. Rates on excess, 3% up to $20,000; 4%, $20,000 to $50,000; 5%, $50,000 to $100,000; 6%, above $100,000. To all others above $500: On $500 to $10,000, tax is 3%; $10,000 to $20,000, 4%; $20,000 to $50,000, 5%; $50,000 to $500,000, 6%; above $500,000, 10%.

Connecticut.—To parents, husband, wife, grandparents, adopted parent, descendant, adopted child or descendant thereof, 1% between $10,000 and $50,000; 2% between $50,000 and $250,000; 3% between $250,000 and $1,000,000; 4% above $1,000,000. To brother or sister, or their descendants, stepchild, son-in-law or daughter-in-law, 3% between $3,000 and $25,000; 5% between $25,000 and $50,000; 6% between $50,000 and $250,000; 7% between $250,000 and $1,000,000; 8% above $1,000,000. To others, 5% between $500 and $50,000; 6% between $50,000 and $250,000; 7% between $250,000 and $1,000,000; and 8% above $1,000,000.

Delaware.—To grandparents, parents, husband or wife, child or descendant, son- or daughter-in-law, or adopted child, $3,000 exempt. Rates on excess, 1% up to $30,000; 2%, $30,000 to $100,000; 3%, $100,000 to $200,000; 4%, above $200,000. To brother, sister, uncle, aunt, great-uncle, great-aunt or their descendants, $1,000 exempt. Rates on excess, 2% up to $25,000; 3%, $25,000 to $100,000; 4%, $100,000 to $200,000; 5%, above $200,000. To others more remote, 5% up to $25,000; 6%, $25,000 to $100,000; 7%, $100,000 to $200,000; 8%, above $200,000.

District of Columbia.—No inheritance tax.

Florida.—No inheritance tax.

Georgia.—To parents, husband, wife, child, adopted child, lineal descendant, brother, sister or daughter-in-law, 1%. $5,000 is exempt. To all others, 5%.

Idaho.—Tax on estates less than $25,000 at following rates: (a) To husband or wife, lineal issue or ancestor, 1 per cent; exempt

to widow or minor child, $10,000; to others of Class A, exempt, $4,000. (b) To brother or sister, or their descendants, or wife or widow of son, or husband of daughter, 1½ per cent; exempt, $2,000. (c) To uncles, aunts or descendants, 3 per cent; exempt, $1,500. (d) To great-uncles, great-aunts or descendants, 4 per cent; exempt, $1,000. (e) To more distant relatives or strangers in blood, 5 per cent; exempt, $500. On larger estates than $25,000 the above rates are multiplied as follows: $25,000 to $50,000, 1½ times above; $50,000 to $100,000, 2 times above; $100,000 to $500,000, 2½ times above; $500,000 and upward, 3 times above.

Illinois.—To parents, husband, wife, descendant, adopted child, brother, sister, wife of son, husband of daughter, on amounts from $20,000 to $100,000 the rate is 1 per cent; above $100,000, 2 per cent; exempt below $20,000. To uncle, aunt, niece, nephew or their descendants the rate is 2 per cent on amounts less than $20,000; 4 per cent on amounts in excess of $20,000; exempt below $2,000. To all others the rates vary with amounts as follows: Up to $10,000, 3 per cent; $10,000 to $20,000, 4 per cent; $20,000 to $50,000, 5 per cent; $50,000 to $100,000, 6 per cent; above $100,000, 10 per cent; exempt to $500.

Indiana.—On amounts not exceeding $25,000, the primary rates are: (1) To husband, wife, ancestor, descendant, adopted child, 1 per cent. Exempt $10,000 to widow and $2,000 to other parties just named. (2) To brother, sister or their descendants, or to son-in-law or daughter-in-law, 1½ per cent; exempt $500. (3) To uncle, aunt or their descendants, 3 per cent; exempt $250. (4) To great uncle, great aunt or their descendants, 4 per cent; exempt $100. (5) To others more remote, 5 per cent. On larger amounts the primary rates are multiplied as follows: (1) from $25,000 to $50,000, 1½ times; (2) from $50,000 to $100,000 twice; (3) from $100,000 to $500,000, 2½ times; (4) above $500,000, 3 times.

Iowa.—Property passing to parents, husband or wife, lineal descendants, adopted child or issue thereof is exempt. To others 5 per cent tax above $1,000. To alien nonresidents of the state tax is 20 per cent, unless alien is brother or sister, when tax is 10 per cent.

Kansas.—Property passing to husband, wife, ancestors, descendants, son-in-law, daughter-in-law, adopted children of their descendants is exempt from tax. To brothers or sisters, $5,000 is exempt, and rates are 3%, $5,000 to $25,000; 5%, $25,000 to $50,000; 7½%, $50,000 to $100,000; 10%, $100,000 to $500,000; 12½% above $500,000. To others more remote the rate is 5% up to $25,000, and on the increasing amounts stated above the rates are 7½%, 10%, 12½%, and 15%.

Kentucky.—On amounts not exceeding $25,000, the primary rates are: (a) To husband, wife, ancestor, descendant, adopted child, 1%, $10,000 exempt to widow and each minor child, to others in this class $5,000 exempt. (b) To brother, sister, or their descendants, or to son-in-law, or daughter-in-law, 1½%; exempt $2,000. (c) To uncle, aunt, or their descendants, 3%; exempt $1,500. (d) To great-uncle, great-aunt, or their descendants, 4%; exempt $1,000. (e) To others more remote, 5%; exempt, $500. On larger amounts the primary rates are multiplied at the same amounts and rates as provided by the Indiana statute (above).

Louisiana.—Exempt to $10,000 to parents or lineal ancestors, children or descendants; excess taxable at 2 per cent; to others 5 per cent.

Maine.—To ancestors, parents, husband, wife, descendants, adopted child, wife of son, husband of daughter, the rates are as follows: Up to $50,000, 1 per cent; $50,000 to $100,000, 1½ per cent; above $100,000, 2 per cent; $10,000 exempt to parents, husband, wife, child or adopted child. To brother, sister, uncle, aunt, nephew, niece or cousin, the rates on the above amounts are 4 per cent, 4½ per cent and 5 per cent; $500 exempt. To others, rates on the same amounts are 5 per cent, 6 per cent and 7 per cent; same exemption.

Maryland.—Exempt to parents, husband or wife, children, or lineal descendants; to others, 5 per cent above $500.

Massachusetts.—(a) To husband, or wife, parent, child, grandchild, adopted child, or adoptive parent: 1%, up to $25,000; 2%, $25,000 to $50,000; 4%, $50,000 to $250,000; 5%, $250,000 to $1,000,000; 6%, above $1,000,000. (b) To ancestor, or descendant, except those included in the previous class, or son- or daughter-in-law, descendant of adopted child, or ancestor of adoptive parent: 1% up to $10,000; 2% $10,000 to $25,000; 4%, $25,000 to $50,000; 5%, $50,000 to $250,000; 6%, $250,000 to $1,000,000; 7%, above $1,000,000, (c) To brother, sister, step-child, step-parent, half-brother, half-sister, nephew or niece, the rates on the amounts given in class (b) are 3, 5, 7, 8, 9, and 10 per cent. (d) To others more remote, the rates on the same amounts are 5, 6, 7, 8, 9, and 10 per cent. Exempt to husband, wife, parent, child, adopted child or adoptive parent, $10,000. To others $1,000.

Michigan.—Tax is 1 per cent to grandparents, parents, husband or wife, child, brother or sister, wife or widow of son, husband of daughter, lineal descendants, adopted child, or one to whom deceased stood in relation of parent, exempt to $2,000. To others, 5 per cent over $100. Exemption to widow is $5,000.

Minnesota.—Five classes of beneficiaries are recognized: (a) wife, or lineal descendant; (b) husband, parents, ancestors, adopted children or issue thereof; (c) brother or sister or their descendants, son-in-law or daughter-in-law; (d) uncles, aunts or their descendants; (e) others more remote. The rates for amounts not exceeding $15,000 (called the primary rates) for the classes given above are respectively 1 per cent, 1½ per cent, 3 per cent, 4 per cent and 5 per cent. On amounts from $15,000 to $30,000 the primary rates are multiplied 1½ times; from $30,000 to $50,000 twice; from $50,000 to $100,000, 2½ times; and above $100,000, 3 times. Exemptions are to classes (a) and (b), except ancestors, $3,000; to class (c) $1,000; to class (d) $250 and to class (e) $100.

Mississippi.—No inheritance tax.

Missouri.—Primary rates on amounts below $20,000 are as follows: (1) Husband or wife, lineal descendant or ancestor, adopted child or its descendants, 1%. Exemption $15,000 to husband or wife; to others of this class, $5,000. (2) Brother

sister, or their descendants, son- or daughter-in-law, 3%; $500 exempt. (3) Uncle or aunt or their descendants, 3%; $250 exempt. (4) Great-uncle, great-aunt, or their descendants, 4%; $100 exempt. (5) To others more remote 5%. On larger amounts the primary rates are multiplied as follows: $20,000, to $40,000, twice; $40,000 to $80,000 3 times; $80,000 to $200,000, 4 times; $200,000 to $400,000, 5 times; above $400,000, 6 times.

Montana.—Tax of 1 per cent to parents, husband, wife, child, brother, sister, descendant, adopted child, son-in-law, daughter-in-law, $7,500 exempt. To all others, 5 per cent over $500.

Nebraska.—Taxable at 1 per cent to parents, husband or wife, child, brother or sister, wife or widow of son, husband of daughter, adopted child and lineal descendants in lawful wedlock, exempt to $10,000. To uncle, aunt, nephew or niece, or descendants, 2 per cent: exempt to $2,000. To others, above $500 as follows: $500 to $5,000, 2 per cent; $5,000 to $10,000, 3 per cent; $10,000 to $20,000, 4 per cent; $20,000 to $50,000, 5 per cent; above $50,000, 6 per cent.

Nevada.—On amounts not exceeding $25,000 the primary rates are: (1) To husband or wife, ancestors, decendants or adopted child, 1 per cent. $20,000 exempt to widow or minor child; to others just named, $10,000 exempt. (2) To brother, sister, nephew, niece or their descendants, 2 per cent; $10,000 exempt. (3) To uncles, aunts or their descendants, 3 per cent, $5,000 exempt. (4) To great uncles, great aunts or their descendants, 4 per cent. (5) To all others, 5 per cent. On larger amounts the primary rates are multiplied as follows: $25,000 to $50,000, twice primary rates; $50,000 to $100,000, 3 times; $100,000 to $500,000, 4 times; above $500,000, 5 times.

New Hampshire.—Exempt to parents, husband or wife. lineal descendants, brother, sister, adopted child, or issue thereof, wife or widow of son, husband of daughter. To all others, 5 per cent.

New Jersey.—To parents, brother, sister, son-in-law, and daughter-in-law, the rates are 2%, from $5,000 to $50,000; 2½%, $50,000 to $150,000; 3% $150,000 to $250,000; 4% above $250,000. $5,000 is exempt. To husband or wife, child, adopted child, or lineal descendant the rates are 1% from $5,000 to $50,000; 1½% $50,000 to $150,000; 2% $150,000 to $250,000; 3% above $250,000. $5,000 is exempt. All others, 5%.

New Mexico.—No inheritance tax.

New York.—To parents, husband, or wife, child, adopted child ($5,000 exempt), and to descendants ($500 exempt), 1% up to $25,000; 2% on the next $75,000; 3% on the next $100,000; 4% on all additional sums. To brother, sister, son-in-law, or daughter-in-law, $500 exempt; 2% up to $25,000; 3% on the next $75,000; 4% on the next $100,000; 5% thereafter. To others more remote, $500 exempt; 5% up to $25,000; 6% on the next $75,000; 7% on the next $100,000; 8% thereafter.

North Carolina.—To husband or wife, parents or ancestor, children or descendants, adopted child—Exempt, $10,000 to widow, $5,000 to minor child, $2,000 to others of this class. Rates on excess, 1% up to $25,000; 2%, $25,000 to $100,000; 3%, $100,000 to $250,000; 4%, $250,000 to $500,000; 5% above $500,000. To brother, sister or their descendants, no exemption; rates on the amounts given above are: 3, 4, 5, 6 and 7 per cent. To others more remote, the rates on the same amounts are: 5, 6, 7, 8, and 9 per cent.

North Dakota.—To husband or wife ($20,000 exempt), father, mother, descendants, adopted child or its descendants, 1 per cent up to $100,000; 2 per cent from $100,000 to $250,000; 2½ per cent, $250,000 to $500,000; 3 per cent above $500,000. To brother or sister, son-in-law or daughter-in-law ($500 exempt), 1½ per cent up to $25,000; 2¼ per cent from $25,000 to $50,000; 3 per cent from $50,000 to $100,000; 3¾ per cent from $100,000 to $500,000; 4½ per cent above $500,000. To uncle, aunt or their descendants, 3 per cent up to $25,000; 4½ per cent from $25,000 to $50,000; 6 per cent from $50,000 to $100,000; 7½ per cent from $100,000 to $500,000; 9 per cent above $500,000. To others 5 per cent up to $25,000; 6 per cent from $25,000 to $50,000; 9 per cent from $50,000 to $100,000; 12 per cent from $100,000 to $500,000; 15 per cent above $500,000.

Ohio.—Exempt to parents, husband or wife, lineal descendants or adopted child. To others 5 per cent above $500 exempt.

Oklahoma.—To parents, husband or wife, child, brother, sister, son-in-law, daughter-in-law, adopted child, or lineal descendant, 1% up to $25,000; 2%, 25,000 to $50,000; 3%, $50,000 to $100,000; 4% above $100,000. $25,000 to widow, $10,000 to each child, and $5,000 to each other person named above is exempt. To others more remote, $2,500 exempt; tax above exemption, 5% up to $25,000; 6%, $25,000 to $50,000; 8%, $50,000 to $100,000; 10% above $100,000.

Oregon.—To grandparents, parents, husband or wife, child or descendant, brother, sister, son- or daughter-in-law, adopted child $5,000 exempt; the rate, 1% below $25,000, increases with varying amounts up to 4% above $600,000. Uncle, aunt, nephew, niece or their descendants—the rates increase from 2% from $1,000 to $5,000; up to 8% above $200,000. To others more remote, the rates increase from 3% from $500 to $2.500; up to 10% above $200,000.

Pennsylvania.—Estates less than $250 exempt. Exempt to parents, husband or wife, children or lineal descendants, stepchildren, adopted children, wife or widow of son. To all others, 5 per cent.

Rhode Island.—Estates under $5,000 tax exempt. To grandparents, parents, husband or wife, child, or descendant, adopted child, brother, sister, nephew, niece, son-in-law, or daughter-in-law, $25,000 is exempt. Rates on excess are: ½% below $50,000; 1%, $50,000 to $250,000; 1½%, $250,000 to $500,000; 2%, $500,000 to $750,000; 2½%, $750,000 to $1,000,000; 3% above $1,000,000. To others more remote $1,000 is exempt, and rates on excess are: 5% up to $50,000; 6%, $50,000 to $250,000; 7%, $250,000 to $1,000,000; 8%, above $1,000,000.

South Carolina.—No inheritance tax.

South Dakota.—On amounts not exceeding $15,000 the primary rates of tax are: (1) To wife or lineal issue, 1 per cent. (2) To husband, ancestor or adopted child, 1½ per cent. (3) To brother, sister or their descendants, to son-in-law or daughter-in-law, 3 per cent. (4) To uncles, aunts or their descendants, 4 per cent; (5) to others, 5 per cent. On increased amounts the primary rate is multiplied from $15,000 to $50,000, twice; from $50,000 to $100,000, 2½ times; above $100,000, 3 times. $10,000 is exempt to husband, wife, issue or adopted child; $3,000 is exempt to ancestor; $1,000 exempt to class (3), $250 to class (4) and $100 to class (5).

Tennessee.—To parents, husband, wife, child or descendants, $5,000 exempt. Upon excess 1 per cent up to $20,000; 1¼ per cent above $20,000. To others, 5 per cent above $250.

Texas.—Exempt to parents, husband or wife or descendants. The rate of taxation on other legacies varies (above such sum as is exempt) with the amount of the legacy. Six divisions as to amount are recognized; (1) up to $10,000; (2) $10,000 to $25,000; (3) $25,000 to $50,000; (4) $50,000 to $100,000; (5) $100,000 to $500,000; (6) above $500,000. To ancestors, brothers, sisters or their descendants, the rates on the above amounts are 2 per cent, 2½ per cent, 3 per cent, 3½ per cent, 4 per cent and 5 per cent; $2,000 being exempt. To uncles, aunts or their descendants the rates are 3 per cent, 4 per cent, 5 per cent, 6 per cent, 7 per cent and 8 per cent, $1,000 being exempt. To others more remote the rates are 4 per cent, 5½ per cent, 7 per cent, 8½ per cent, 10 per cent and 12 per cent, $500 being exempt.

Utah.—Tax of 5% on all estates over $25,000 except that estates valued at no more than $10,000 are exempt and estates between $10,000 and $25,000 are taxed 3%.

Vermont.—Exempt to parents, husband or wife, lineal descendants, stepchild, adopted child, or lineal descendant thereof, wife or widow of son, husband of daughter. To all others, 5 per cent.

Virginia.—On amounts not exceeding $50,000 the primary rates are: (a) To grandparent, parent, husband or wife, child, descendant, brother or sister, 1%. $15,000 exempt. (b) To others more remote, 5%. On larger amounts the primary rates are multiplied as follows: (1) from $50,000 to $250,000, twice; (2) $250,000 to $1,000,000, 3 times; (3) above $1,000,000, 4 times.

Washington.—To parents, husband or wife, lineal descendant, adopted child or its descendants, $10,000 exempt; rates on excess are: 1% up to $50,000; 2%, $50,000 to $100,000; 3%, $100,000 to $250,000; 5% above $250,000. To brother, sister, uncle, aunt, nephew or niece, no exemption; the rates on the amounts stated are: 3, 5, 7 and 9 per cent. To others more remote, the rate on the same amounts are: 6, 9, 12 and 15 per cent.

West Virginia.—To lineal ancestor, husband, wife, descendant, the rate is 1 per cent on amounts up to $25,000; $25,000 to $50,000, 1½ per cent; $50,000 to $100,000, 2 per cent; $100,000 to $500,000, 2½ per cent; above $500,000, 3 per cent. Exempt up to $10,000, except in case of widow, where $15,000 is exempt. To brother or sister the rate is 3 per cent up to $25,000, and for the varying amounts stated above the rates are 4½ per cent, 6 per cent, 7½ per cent and 9 per cent. To others more remote the rates are 5 per cent, 7½ per cent, 10 per cent, 12½ per cent and 15 per cent.

Wisconsin.—(1) Tax of 1 per cent to husband, wife, lineal descendants, lineal ancestors, adopted child, and lineal issue thereof. (2) To brothers, sisters and descendants, wife or widow of son, or husband of daughter, 1½ per cent. (3) To uncles, aunts or their descendants, 3 per cent. (4) To great-uncles, great-aunts and their descendants, 4 per cent. (5) To all others, 5 per cent. When the estate is above $25,000 the above rates are multiplied as follows: $25,000 to $50,000, 1½ times on excess; $50,000 to $100,000, 2 times on excess; $100,000 to $500,000, 2½ times on excess; above $500,000, 3 times on excess. Exempt $10,000 to widow and lesser amounts to other relatives, down to $100 exemptions to strangers in blood.

Wyoming.—Tax of 2 per cent on amount above $10,000 to parents, husband or wife, child, brother, sister, lineal descendants, wife or widow of son, husband of daughter, adopted or acknowledged child for ten years. Except that to husband, wife or child resident of the state $25,000 to each is exempt. To others than above, tax of 5 per cent; $500 exempt.

Preferred Obligations.—In most states the preferred obligations are funeral expenses, administration, taxes, judgments in the order named.

Inheritance Tax, recommended by President—

Roosevelt, 7043, 7083.
Taft, 7370, 7390.
Wilson, 8716, 8717.

Initiative, Referendum and Recall.—Under these terms are comprised several propositions for bringing the entire body of voters into closer and more active participation in making and enforcing laws. In the opinion of many persons of various political faiths these ideas comprehend a simpler and more advanced form of democracy than at present obtains in most representative governments.

The initiative gives the people the power to originate laws. If a certain percentage of the voters sign a petition for a law and file it with the proper official it must come before the legislative body.

Reference of proposed laws to the people for their final acceptance or rejection is known as the referendum. The initiative is often coupled with the referendum.

The recall is a provision for the recall of an elective officer before the expiration of his term of office by petition of a certain proportion of those who voted for him and demanding another election.

The principle of the referendum has been employed in the United States as far back as 1778, when the legislature of Massachusetts submitted a constitution to the people, requiring a two-thirds majority for its ratification. This failed of passage at the hands of the voters, and in 1779 a popular vote was taken on whether to hold a constitutional convention. This proposal carried and a convention was called which framed a new constitution which was later

submitted to the people and ratified. Constitutions have been referred to the people for ratification by nearly all the states.

The broader idea of the referendum as popularly advocated in the United States is copied from the Swiss republic, whence it dates back to the fourteenth century. About 1890 interest in this form of law-making was aroused. Its introduction was one of the demands of the Farmers' Alliance, and later of the People's party. It was thought that in this way legislation could be taken from the control of party politicians.

In 1898 South Dakota so amended its constitution as to require the submission to popular vote of any measure proposed by petition of five per cent of the qualified voters. Upon petition of the same percentage of voters any measure enacted by the legislature was required to be submitted to the people, provided such measure was not necessary to the immediate preservation of the public health, peace or safety for the support of the government or its existing institutions. South Dakota's adoption of the initiative and referendum was followed by Utah in 1900 and by Oregon in 1902.

The Oregon Plan.—The Oregon plan seems to have been the model after which other states formed their initiative and referendum laws. It requires that an initiative petition must be signed by eight per cent of the legal voters as shown by the vote for supreme judge at the last preceding general election, and filed with the Secretary of State four months before election. A referendum petition need only be signed by five per cent of the voters and filed with the Secretary of State ninety days after the final adjournment of the legislature passing the bill on which the referendum is demanded. The legislature may also refer to the people any act passed by it. The veto power of the governor does not extend to referendum measures passed on by popular vote. It is also provided that the Secretary of State shall, at the expense of the state, mail to registered voters a printed pamphlet containing a true copy of the title and text of each measure to be voted on, and the proponents and opponents are permitted to insert in the pamphlet, at the actual cost to themselves of paper and printing only, such arguments on the subject as they desire to present. The Republican legislature of Oregon was directed by the referendum to elect Governor Chamberlain, a Democrat, to the United States Senate.

The Ohio Constitutional Convention proposed an amendment to the Constitution of the State providing for Initiative and Referendum, requiring signatures of ten per cent of the electors to propose an amendment to the Constitution, and three per cent of the electors for a Referendum proposing a law. The amendment submitted to the people for approval, same to take effect October 1, 1912, was approved by vote of people at election held September 3, 1912. The Legislature of Ohio in 1913 passed following safety guards for the Initiative and Referendum petitions: Accepting money for signing, prohibited; applicable to each plan of organization in municipalities; giving money or value for signing, prohibited; printing and distribution of publicity pamphlets relative to measures submitted to people through Initiative and Referendum; provisions for Initiative and Referendum in municipal corporations; statement showing payments for circulating petitions.

The California law of 1913, provides that the sheet or pamphlet containing Constitutional amendments, as well as any question, proposition or amendment to the Constitution to be submitted to the people by either Initiative or Referendum petition, shall also contain the corresponding Constitutional provisions as then in force, so as to facilitate comparison.

The Supreme Court of the United States on February 19, 1912, handed down a decision upon the claim of the Pacific States Telephone and Telegraph Company, that a tax upon it imposed by the Initiative and Referendum method in Oregon, was unconstitutional. The Court decided that only Congress and not the Supreme Court of the United States may object to the Initiative and Referendum.

The initiative, referendum and recall have been adopted by states as indicated in the table below. Unless otherwise indicated, all three measures were adopted:

South Dakota—1893 and 1898, Initiative on laws only, and Referendum.

Oregon—1902 and 1908.

Nevada—1904, 1905 and 1912.

Montana—1906, Initiative on laws only, and Referendum.

Oklahoma—1907, Initiative and Referendum.

Maine—1908, Initiative on laws only, and Referendum.

Missouri—1908, Initiative and Referendum only.

Michigan—1908 and 1913, Initiative and Recall only; Recall does not apply to judges.

Arkansas—1910.

Colorado—1910 and 1912, Recall applies also to judicial decisions.

Arizona—1911 and 1912.

New Mexico—1911, Referendum only.

California—1911.

Ohio—1912, Initiative and Referendum only.

Nebraska—1912, Initiative and Referendum only.

Washington—1912, Initiative applies to laws only.

Idaho—1912, Initiative applies to laws only; Recall does not apply to judges. Inoperative because of absence of self-enacting clauses, and failure of legislature to act.

North Dakota—1914, Initiative and Referendum only.

Mississippi—1914, but inoperative until declaration of adoption by state Supreme Court in 1917, Initiative and Referendum only.

Kansas—1914, Recall only; it applies also to appointive officers.

Louisiana—1914, Recall only, does not apply to judges.

Maryland—1915, Referendum only.

Utah—1917, Initiative for laws only, and Referendum. Earlier adoption in 1900 inoperative because of absence of self-enacting clauses and lack of action by legislature.

Massachusetts—1918, Initiative and Referendum only.

MUNICIPAL—There are some hundreds of municipalities, in practically every state of the Union, where the Initiative, Referendum and Recall are in operation.

Injunctions.—Judicial writs forbidding specified persons doing certain things, the commission or continuance of which would, in the opinion of a judge, work irreparable injury before the complaint could be settled in a court of equity were borrowed by the early English chancellors from Roman law to supplement the common law where inadequate to meet the ends of justice. The scope and application of these writs, now known as injunctions, have been broadened until to-day the injunction is one of the most widely used processes of the courts of equity.

Injunctions, which are summary proceedings, are only rightfully issued in cases where the remedy at law will be inadequate to give a party who is wronged the complete relief to which he is entitled. Popular interest has been aroused in the subject of injunctions by their employment in labor disputes, where labor union members and their friends and sympathizers have been enjoined from inducing or coercing other working people to quit work, thus inflicting damage or injury to their employers, and thereby forcing the employers to grant concessions demanded by the labor union members.

Injunctions have also been granted restraining labor unions from advising members of their own or allied organizations to withdraw their profitable patronage or services from employers against whom they have a grievance. (See Boycott.)

Trade unions have openly expressed hostility to the injunction as applied to their members, and have had a law passed providing that no writ shall be issued restraining any person from terminating employment, or from recommending others to do so; or from peaceful picketing; or from ceasing to patronize or to employ any party to a labor dispute; or from peacefully assembling; or from doing any act which might lawfully be done in the absence of a labor dispute.

Dec. 18, 1907, Judge Gould, of the Supreme Court of the District of Columbia, granted a temporary injunction against the officers of the American Federation of Labor, restraining them from publishing the name of the Buck's Stove and Range Company in their paper, *The American Federationist*, under the heading, "We Don't Patronize," or "Unfair List." This injunction was made permanent March 23, 1908, the judge declaring that, although individuals may refuse to patronize a firm, the inciting of others to do so constitutes a conspiracy in restraint of trade. It restrained Samuel Gompers, John Mitchell and Frank Morrison from "publishing or otherwise circulating, whether in writing or orally, any statement or notice of any kind or character whatever calling the attention of the complainant's customers, or of dealers or tradesmen, or the public, to any boycott against the complainant, its business or its product and from advising any one not to purchase or handle the complainant's goods or by any other form of representation or statement interfering with his business." This injunction was violated and the defendants were sentenced by Judge Daniel Wright to imprisonment for one year, nine months and six months, respectively. The case was then taken to the Supreme Court of the United States. Meanwhile the Federation and the Bucks Company had come to an agreement. The court, therefore, in May, 1911, dismissed the original injunction suit brought by the company; and, while declaring the sentences in the contempt case to be excessive, ruled that the dismissal of the injunction suit did not prejudice the right of the original court to punish any contempt committed. After investigation by a committee appointed to inquire whether contempt had been committed, Justice Wright, in June, 1912, reimposed the sentences of twelve, nine and six months. The case was then taken again to the Court of Appeals of the District of Columbia. On May 5, that court, in a divided opinion, sustained the lower court in finding Messrs. Gompers, Mitchell and Morrison guilty of contempt, but modified the sentences to thirty days in jail for Gompers and $500 fine for each of the others.

In the latter part of May, 1913, counsel for the three defendants filed a petition in the Supreme Court of the United States for a writ of certiorari to obtain a review of the case. About the same time the Supreme Court of the District of Columbia filed a petition asking the same court to reverse that portion of the decision of the Court of Appeals which reduced the penalties imposed. June 19, the petition for a review of the case was granted, and May 11, 1914, the United States Supreme Court dismissed the case.

In 1893 the engineers on the Toledo, Ann Arbor and Michigan Railroad went out on strike. The engineers on connecting lines of road refused to handle cars of that road. An injunction was granted by Judge Taft (later President), forbidding the employees of other roads to refuse to handle the cars of the Toledo, Ann Arbor and Michigan road. This was the first judicial decision outlining the rights and duties of organized labor in interstate commerce. This opinion, while conceding the right of the engineers and employees of the Toledo Company to quit work, denied the right of the employees of other companies to refuse to handle the cars of the Toledo Company when offered them, such refusal being deemed part of a conspiracy in restraint of interstate commerce.

In 1894 the American Railway Union struck against the Pullman Car Company. Members of affiliated unions on all railways refused to handle the Pullman cars. The Cincinnati Southern Railway insisted on its employees hauling the cars, and an officer of the union was sentenced to jail for endeavoring to induce the men not to handle Pullman cars after an injunction had been granted by Judge Taft forbidding such refusal, on the ground of interference with interstate traffic.

In September, 1908, Judge Van Devanter, of the United States Circuit Court, at St. Louis, Mo., granted the St. Louis, Iron Mountain and Southern Railroad, and other roads operating in Arkansas, an injunction restraining the Arkansas State Railroad Commission from enforcing the two-cent-a-mile rate of fare law, on the ground that such rate was confiscatory and therefore unconstitutional.

In 1908 the Chicago Typographical Union was enjoined by the Illinois Supreme Court not to practice "picketing." The union appealed the case and continued the practice complained of. The violators were fined by the court, who held that an appeal does not justify the violation of an injunction.

In 1908 a New York City Court judge issued an injunction restraining the police from interfering with certain theatrical performances on Sunday. This injunction was dismissed by the Appellate Division of the State Supreme Court, on the ground that an officer cannot be restrained from enforcing a valid law.

The Delaware, Lackawanna and Western Railroad Company sought, in 1908, to enjoin its switchmen from leaving its employ in violation of an alleged agreement to work under certain conditions for a specified time. The injunction was refused on the grounds that no violation of property rights was shown, and that members of labor organizations may peacefully withdraw from employment, even though such withdrawal involves a breach of contract.

Of recent years injunctions in labor disputes have been of increasing interest in social and political discussion, but the court rulings have differed to so marked a degree that the status of such injunctions is still in doubt. The American Federation of Labor has strengthened its campaign for legal pronouncement that labor is not a commodity. Sections of the Clayton Law (q. v.) distinctly limit the right to use injunctions in labor disputes. The platform of the Progressive Party (q. v.) in 1912 favored the abolition of the injunction in labor disputes in cases where it could not be granted without the presence of such disputes.

An important case involving the use of the injunction was that of the Paine Lumber Company and other lumber companies against the United Brotherhood of Carpenters and Joiners of America, other unions, their officials and publications. The suit was brought in the district court of the United States at New York in 1911, under the Anti-trust Law of 1890 (q. v.), alleging that the defendants were restraining the interstate trade of the defendants by use of a boycott. In 1913 the court, and in 1914 the circuit court of appeals, agreed that the allegation was true, but that the injunction could not issue to a private party, but only to an officer of the federal Government. The case was argued before the United States Supreme Court in May, 1915 and again in October, 1916. In June, 1917, the court, by vote of 5 to 4, held that violations of the anti-trust law could not be remedied by injunctions issued to private persons.

An injunction which caused great comment was filed by the attorney-general of the United States under the Food Control Law (q. v.) in October and November, 1919, compelling officials of the union of soft coal miners, who had gone out on strike, to recall the strike order. Criminal proceedings because of the strike were later instituted.

A number of states have passed legislation regarding the use of injunctions in labor disputes. In 1916 the Supreme Court of Massachusetts unanimously declared unconstitutional an anti-injunction law of Massachusetts passed in 1914.

Injunctions:
Abuses of, in labor disputes, 6983, 7027, 7086, 7128, 7213, 7342.
Defended by President Taft, 7378.
Invoked to protect union labor, 7213.
Notice and hearing before issuance of, urged, 7341, 7524.
Resort to, discussed, 7190.
Statute governing entire procedure of, urged, 7378, 7431, 7524.

Inland Bill.—A bill of exchange drawn in a country on a person or firm in the same country.

Inland Waterways, improvements recommended, 7222.

Inland Waterways Commission, appointment of, 7095.

Innocuous Desuetude.—This phrase occurs in a message of President Cleveland, March 1, 1886 (4966), when he was discussing laws on the subject of suspensions from office. The Senate had asked him for his reasons for suspending certain officials.

Innovations against the principles of government to be resisted, 210.

Insane Asylum. (See Government Hospital for Insane.)

Insane Persons, act making grant of lands to States for benefit of, vetoed, 2780.

Insecticide and Fungicide Board.—A Federal board under the jurisdiction of the Department of Agriculture which has charge of the administration of the laws for the inspection of insecticides and fungicides. The Insecticide Act of 1910 was designed to regulate the interstate shipment, and to prevent the importation into the United States, of adulterated and misbranded insecticides and fungicides, and also to control the manufacture and sale of such products in the District of Columbia and the territories. By its provisions the Secretary of the Treasury, the Secretary of Agriculture, and the Secretary of Commerce and Labor are authorized to make uniform rules for its enforcement. The bureaus of Animal and Plant Industry, Chemistry and Entomology are represented on the board.

Laboratory and field experiments have been continued with various insecticides, especially lime and sulphur preparations, several arsenicals, and other toxic substances as possible substitutes for these nicotine sprays, distillate emulsions, etc. Some experiments have been undertaken to determine as exactly as possible the quantity of arsenate of lead which should be employed satisfactorily to control the codling moth and plum curculio on apples and peaches.

Insignia of Army and Navy. (See Army and Navy.)

Insolvent Debtors. (See Bankruptcy; Debtors, Insolvent.)

Inspection, Office of, Agriculture Department.—The Federal meat inspection service is coming to be recognized as the most effective existing agency for collecting, on a broad scale, data absolutely necessary to the success of any extensive program for the eradication from the food herds of the country of such diseases as tuberculosis and certain serious parasitic affections, the presence of which is not suspected in the living animal until the damage they do is beyond remedy and the losses they cause are beyond prevention. The eradication, or material reduction, of these diseases will enormously lessen losses on the farm, and in a corresponding measure remove the cause of the losses from condemnations under inspection.

The rules of condemnation on account of disease have been prepared by scientific and practical experts, and essentially conform to the views expressed by a commission of seven men outside of the department convened in 1907 by the Secretary of Agriculture to study the subject and give opinions

as to the disposal of carcasses affected with disease and abnormalities. That the regulations are intelligently applied is indicated by the fact that all condemnations on the post-mortem inspection under the Federal system are determined by graduated veterinarians and then only after they have received instruction in the practical application of the rules after admission to the service. These inspectors, stationed in many states, make actual post-mortem examinations of upward of 60 per cent of the cattle, sheep, hogs, and goats slaughtered for food in the United States. This information, used in conjunction with live stock shipping records is sufficient, in most cases, to fix the territory of origin, and in many cases lead to the farm and herds whence the diseased animals have come.

In 1907 a Board of Food and Drug Inspection was organized to assist the Secretary of Agriculture in the enforcement of the Food and Drugs Act. Some of the important decisions of this board prohibited the coating of rice; restricted the use of coloring matter in food products; forbade the use of chemical preservatives known to be harmful; prohibited the bleaching of flour with nitrogen peroxide, the use of shellac for coating chocolates and other confections, the use of saccharin and copper sulphate in foods, importation and interstate traffic in absinthe, the shipment of immature, artificially colored citrus fruits; and restricted the sale of canned goods containing salts of tin. These boards were later, for purposes of economy, combined into the Office of Inspection.

Inspection, Sanitary. (See Animal Industry discussed.)

Inspector-General. (See War Department and Army.)

Inspector-General of Army, bill relative to department of, returned, 4855.

Inspector, Revenue. (See Revenue Inspector.)

Inspectors, Foreign, employment of, authorized, 8272.

Institutions of Learning. (See Education; Military Academy; National University; Naval Academy; Seminaries of Learning.)

Insular Affairs, Bureau of, War Department.—By act of July 1, 1902, the Bureau of Insular Affairs is charged with the administration of "all matters of civil government in the island possessions of the United States under the jurisdiction of the War Department." Under this head are included the Philippines (q. v.), Porto Rico (q. v.), and the other island possessions of the United States. (See War Department.)

Insular Possessions, United States (see Alaska; Guam; Hawaii; Philippine Islands; Porto Rico; Tutuila; Virgin Islands; Wake and Other Islands):
- Central Bureau for all, recommended, 7301.
- Growth of, 6799.
- Industrial development of, 7019.
- Mentioned, 7286.
- Single administrative head for, 7051.

Insurance, Accident. (See Insurance, Casualty.)

Insurance, Casualty.—Accident insurance had its origin in Great Britain, through the serious number of railroad accidents in the years around 1848, as a result of putting into commission fast express trains; although from the earliest days there had been assistance rendered individuals in need as a result of accident by associations, friendly and business, of which such individuals were members. The laws of that time covering the collection of damages as a result of railroad accident were inadequate to compensate for injuries received; and in 1849 a company was organized to engage in the business of insurance against railroad accidents. In 1852 the business of the company was extended to cover accidents in general.

In the United States, companies in Massachusetts doing a general business of health insurance made provision in 1850 for selling tickets to railroad travellers insuring them against accident, but little came of such endeavors until 1863, when a company was organized primarily for accident insurance. At the present time accident insurance is usually only against accidents resulting from violent, external, accidental and visible forces, although the policy is not voided in most cases by negligence. There are now also specific insurances against various forms of disaster—illness, automobile, fire or theft, burglary, plate glass damage, etc.

For insurance against accidents in industry, see Employers' Liability and Workmen's Compensation. See also Health Insurance.

In 1915, there were in the United States 106 accident insurance companies, including also companies doing a health insurance business. These companies received in that year in premiums $36,977,988 and paid out in losses $17,197,415.

In a more recent year, there were 181 stock casualty, surety and miscellaneous insurance companies in the United States. The statistics for that year were as follows:

Capital	$ 74,272,938
Total Assets	692,194,715
Liabilities (Including Capital)	615,398,243
Surplus	76,796,472
Net Premiums	241,514,272
Total Income	257,517,978
Payments to Policy Holders	104,986,320
Dividends to Stock Holders	5,591,086

Insurance Companies, American:
- Capital accumulated in, 6710.
- Discussed by President Roosevelt, 6987, 7290.
- Exclusion of, from Germany, referred to, 6061, 6099, 6183.
- Federal control of, advocated, 6987.
- Inspection of returns of, 7969.
- Treatment of, in Russia, 5961.

Insurance Companies, Foreign, licensing of, 8415.

Insurance Companies, German:
- Participation of, in war risk and marine insurance, forbidden, 8314.
- Regulations for continuance of business in the United States by, during war with Germany, 8246.

Insurance, Fire.—It is impossible to date accurately the origin of fire insurance, as there have been provisions for mutual aid in case of fire or other disaster since earliest times. The medieval guilds, especially, came to the rescue of members who had suffered from fires, although the relief afforded in no wise followed the principles of modern insurance. In 1635, there is a record of an application in London to perform the business of fire insurance; and in 1667, the year after the great London fire, the first fire insurance office was opened in that city, probably modeled upon similar businesses already existing upon the Continent. A joint stock company was established in 1681, and no less than six existing British companies go back in origin to the twenty-five years preceding 1720.

In the United States, a fire insurance company was organized in Philadelphia in 1752, opening its first office in 1768, with Benjamin Franklin as one of its directors. It is still in existence. By 1800 there were some 30 companies doing business, and in 1866 the national board of fire underwriters was founded. Soon after 1870 the Chicago and Boston fires caused much distress among the fire insurance companies, but of late years they have become considerably stronger with the increase in the amount of property insured and accordingly in the proportionate decrease of the property destroyed, so that even the Baltimore and San Francisco fires caused little permanent distress.

Fire insurance companies are of both the mutual and the joint stock variety, but the latter represent the less complicated principles of insurance and carry by far the largest amount of insurance.

In 1900, 61% of the total loss by fire in the United States and Canada is estimated to have been covered by insurance; in 1910, 81%; in 1915, 96%; in 1917, 91%.

The latest figures of fire and marine insurance companies in the United States are as follows:—

Number U. S. Stock Fire and Marine Insurance Companies	233
Capital	$126,780,358
Total Assets	706,280,959
Net Surplus	242,877,414
Net Premiums	388,792,486
Total Income	428,438,604
Paid for Losses	180,189,460
Paid for Dividends	18,271,807
Number Foreign Stock Companies	90
Total Assets	$238,671,487
Net Surplus	85,999,182
Net Premiums	172,723,787
Total Income	183,325,165
Paid for Losses	92,547,677
Number Mutual U. S. Fire Insurance Companies	313
Cash Admitted Assets	$132,999,211
Net Cash Surplus	70,697,144
Net Premiums	53,131,203
Total Income	70,272,153
Paid for Losses	21,105,037
Returned to Policy-Holders	23,805,644

The National Board of Fire Underwriters estimates the amount of fire insurance covered in 1917 as $41,199,251,074, with total premiums charged of $399,320,260, or $9.69 per $1,000.

For the five years 1913-17 inclusive, the corresponding figures are $72,331,660,579, and $698,276,527, making a premium rate of $9.65 per $1,000.

The number of fire insurance companies increases with times of prosperity and decreases with times of financial stringency, and is difficult to approximate. In the decade preceding 1904, the rate was less than $9.00 per $1,000 of insurance, but in the decade from 1904 to 1914 the rate had advanced to an average of $11.25. Much of the fire insurance in the United States is written by foreign companies.

Insurance, Life.—Life insurance came into existence and continued until recent years as a method of protecting the individual and his family against the economic sufferings and losses resulting from death; but of recent years the investment features of life insurance have become more and more prominent, until to-day life insurance may well be considered as a combination of investment and protection.

To some extent the principles of insurance are present in the activities of moneylenders, and there is record of the Roman collegia, or brotherhood of priests, furnishing sums for the purpose of providing burial expenses and doubtless other necessities for their members. The medieval guilds also contained many features of insurance in protecting their members against loss and disaster.

The distinct origin of what we know today as life insurance, however, lay in the fact that in the sea-voyages during the commercial expansion of England after the end of medieval times the life of the master of the ship was the most precious thing for the owners of the ship; as otherwise the voyage was foreordained to failure. By 1583 individuals were making a practice of insuring for ship-owners the lives of the masters of ships during their voyages, although the specified time was usually a year. In 1698 the Mercers' Company of London added a life insurance feature to its business, although it was conducted only in a haphazard fashion and for the widows and children of subscribers. In 1706, the first mutual life insurance company was organized, and two more saw the light in 1720. These companies, however, still conducted life insurance as a side issue and with no scientific methods; and the first company devoted entirely to life insurance and applying scientific knowledge to its business was established in 1762.

Investigation of vital statistics was undertaken as early as 1592, in the London Bills of Mortality, which have been published regularly since 1603. In 1644 Graunt make detailed investigations concerning the death rate; and in 1693, Halley carried forward these investigations, as did Simpson in 1742.

In the United States the first organization for life insurance was an organization founded in 1759 to aid disabled or superannuated Presbyterian ministers and their families. But this body accomplished little, nor did similar societies established through the eighteenth century. In 1794 a definite life insurance company was established in Philadelphia; and in 1812 and 1818 the first extensive and general life insurance companies were founded. But only in the years after 1840 did the life insurance business become extensive and stable.

After the Civil War, competition became intense; and although Massachusetts had set the example of regulation of the business in 1855, there was still no general prevention of unfair and unsound practices.

Accordingly, in the decade from 1870 to 1880 there were many failures, with a general public distrust of the companies and a great loss to their business. At the present time, the business is regulated most stringently, but only through standardized state legislation.

The knowledge of the exact proportion of a given large number of persons, say 100,000, to die in normal conditions of the world and even in abnormal conditions at a given age permits the principles of life insurance to constitute practically an exact science. Experience tables show exactly the proportion of 100,000 persons who will be living at a given date after they have been insured, although naturally the date of death of any individual cannot be surmised; and so it is a mere matter of mathematics to estimate the amount necessary to be charged for insurance in order to pay given amounts on death. This necessary amount is increased, or "loaded," to provide for expenses, dividends, etc., and the amount of the insurance premium is thus fixed.

Life insurance companies are generally of two kinds—joint stock, in which the profits are divided among stock-holders; and mutual, in which all the insured share in the profits. Insurance premiums may represent either a fixed rate for the time insured, or a rate as decreased by annual dividends according to the profits of the insuring company.

Insurance may be by annual payments, until the time of death; or by payments for a limited period, the insurance being paid if death occurs either during this period or later; by endowment methods, in which the amount of the insurance will be paid either if death occurs during the period in which the payments are made or at the end of the period of payments; or by other methods. Loans may be made on policies at a stated rate of interest, and policies may be redeemed at a percentage of their value at any time. The amount of the premium to be paid for insurance naturally varies in accordance with the age of the insured and with the kind of insurance taken out.

In 1915, in the 35 companies registered in New York state, 63% of the policies in force were of the whole-life payment variety and 29% of the endowment variety. Of the insurance in force, 67% was whole-life payment and 22% endowment.

The amount of the average life insurance policy is $1,890 ($1,194 in fraternal organizations).

Most of the important companies in the United States are registered in New York, so that the following figures of the growth of those companies is significant of the growth of life insurance in the United States:

Year	*No. Policies*	*Insurance in Force*
1880	608,681	1,475,995,172
1890	1,272,895	3,542,965,751
1900	3,071,253	6,947,096,609
1910	6,050,617	11,669,700,862
1917	8,819,679	16,814,540,674

The assets of these companies in 1917 were $5,144,624,477. The liabilities were $4,852,949,206. The income was $494,580,601, the income from premiums being $736,319,365. The disbursements totalled $720,625,391 including—for claims, $305,044,148; for lapsed and surrendered policies, $100,733,275; for dividends to policy-holders, $119,715,639; for commissions, $65,806,369; for dividends to stock-holders, $3,372,357; There were issued 1,259,260 policies, insuring $2,397,178,608; and there were terminated 655,862 policies, insuring $1,215,386,757.

Of the policies terminated, the following table represents the cause:

	Number	*Amount*
Death	82,546	$189,831,985
Expiry	132,759	170,337,313
Surrender	158,299	344,588,633
Lapse	244,787	386,009,414
Maturity	33,983	60,092,490
Other causes	3,488	64,526,922

To cover the 232 companies operating in the country the above figures must be increased about 15%.

In 1914, there were 509 fraternal life insurance bodies in the United States, having 8,058,317 policies and insurance in force of $9,622,276,590.

The latest figures for life insurance in the United States as a whole are as follows:—

Number Ordinary Policies	12,768,019
Amount Ordinary Policies	$24,167,111,902
Number Industrial Policies	40,453,438
Amount Industrial Policies	$ 5,629,956,453
Total Number Policies	53,221,457
Total Amount Policies	$29,797,068,355
Total Annual Income Companies	$ 1,324,586,741
Payments to Policy Holders	$ 710,201,684
Assets	$ 6,529,620,899
Liabilities	$ 6,201,990,207
Surplus	$ 327,630,692

Insurance, Soldiers' and Sailors'. (See Soldiers' and Sailors' Insurance.)

Insurance, War Risk. (See War Risk Insurance and Soldiers' and Sailors' Insurance.)

Insurrections. (See Illegal Combinations.)

Intercession.—A voluntary offer to mediate, especially on the part of one country towards another. It sometimes takes the form of force, as in the case of the intercession on the part of the United States in the difficulties between Cuba and Spain, which led to the Spanish-American War. (See Spanish-American War, and Intervention.)

Intercontinental Railroad:

Connection of Mexican railway system with, discussed, 5547.

Survey for, discussed, 5622.

To connect systems of North America with those of southern continent recommended, 5504.

Interest Laws. (See Statutes of Limitations.)

Interest Rate on money in Canal Zone, fixed, 7905.

Interior, Department of the.—An executive department of the government composed of a number of bureaus and offices whose duties have no connection with each other, but relate generally to internal affairs. It was created by an act of Congress approved March 3, 1849; in the original law it was called the Home Department (q. v.), the name being very soon

changed. By the act of 1849, it was given jurisdiction over patents, formerly held by the State Department; Indian Affairs, formerly held by the War Department; pensions, formerly held by the War and Navy; and the census, formerly under the Treasury; while the General Land Office was transferred to it from the Treasury, together with the care of certain public buildings and the revision of court accounts. The Census Bureau was transferred in 1903 to the Department of Commerce and Labor (q. v.), while the reviewing of the accounts of courts and marshals is in the hands of the Department of Justice (q. v.). Numerous additions have since been made to its jurisdiction, including education, public surveys, the subsidized railroads, the distribution of certain public documents; labor matters now controlled by the Department of Labor (q. v.), territories, national parks, and the oversight of certain charitable institutions in the District of Columbia. The office of Assistant Secretary was created at its organization; an additional assistant secretary, with the title of First Assistant, was created in 1865.

Patent Office attends to the granting and issuing of patents on inventions. The first patent law was approved April 10, 1790. Only three patents were granted the first year, thirty-three the second, and eleven the third. In 1836 the Patent Office was burned, with all the records, and Congress then established the present system, substantially repealing the earlier laws. The office was created as a Bureau of the Department of State, the chief officer being the Commissioner of Patents. When the Department of the Interior was created, in 1849, the Patent Office was made a bureau thereof. The Commissioner of Patents supervises the issuing of patents and the registration of trade-marks. His decision is final in the Patent Office and he has appellate jurisdiction in the trial of interference cases and questions relating to the patentability of inventions. The Office publishes each month an Official Gazette, giving a description of each patent issued. (See Patents.)

Commissioner of pensions has charge of matters relating to pensions and bounty lands. Under him are two deputy commissioners and a chief clerk, each in charge of certain divisions of the Bureau. Up to 1833, the distribution of pensions had been supervised by the War and Navy Departments, each for its own pensioners. In that year Congress established the Pension Bureau, and placed J. S. Edwards in charge. He immediately assumed the business heretofore conducted by the War Department, and in 1849 naval pensions also. In the same year the Bureau was made a part of the new Interior Department. (See also Pensions.)

General Land Office has charge of the survey and sale of public lands. Until 1812 the Secretary of the Treasury acted as agent for the sale of public lands. After the office of Commissioner of the General Land Office was created, the Land Office remained a Bureau of the Treasury Department until it was made a part of the Interior Department at its organization.

The Bureau of Indian Affairs has jurisdiction over the Indians of the United States, except hose in Alaska, and makes annual reports upon the condition of each tribe. Previous to 1832 all matters relating to the Indians had been transacted by the clerks of the War Department. By this time, however, the business relations between the Government and the Indians had grown to such proportions that it became necessary to establish a Bureau of Indian Affairs. Accordingly Congress authorized the President to appoint a Commissioner who should have general superintendence, under the Secretary of War, of all Indian Affairs. The first Commissioner was appointed July 9, 1832. It remained a part of the War Department until 1849, when it was transferred to the Department of the Interior. (See Indians.)

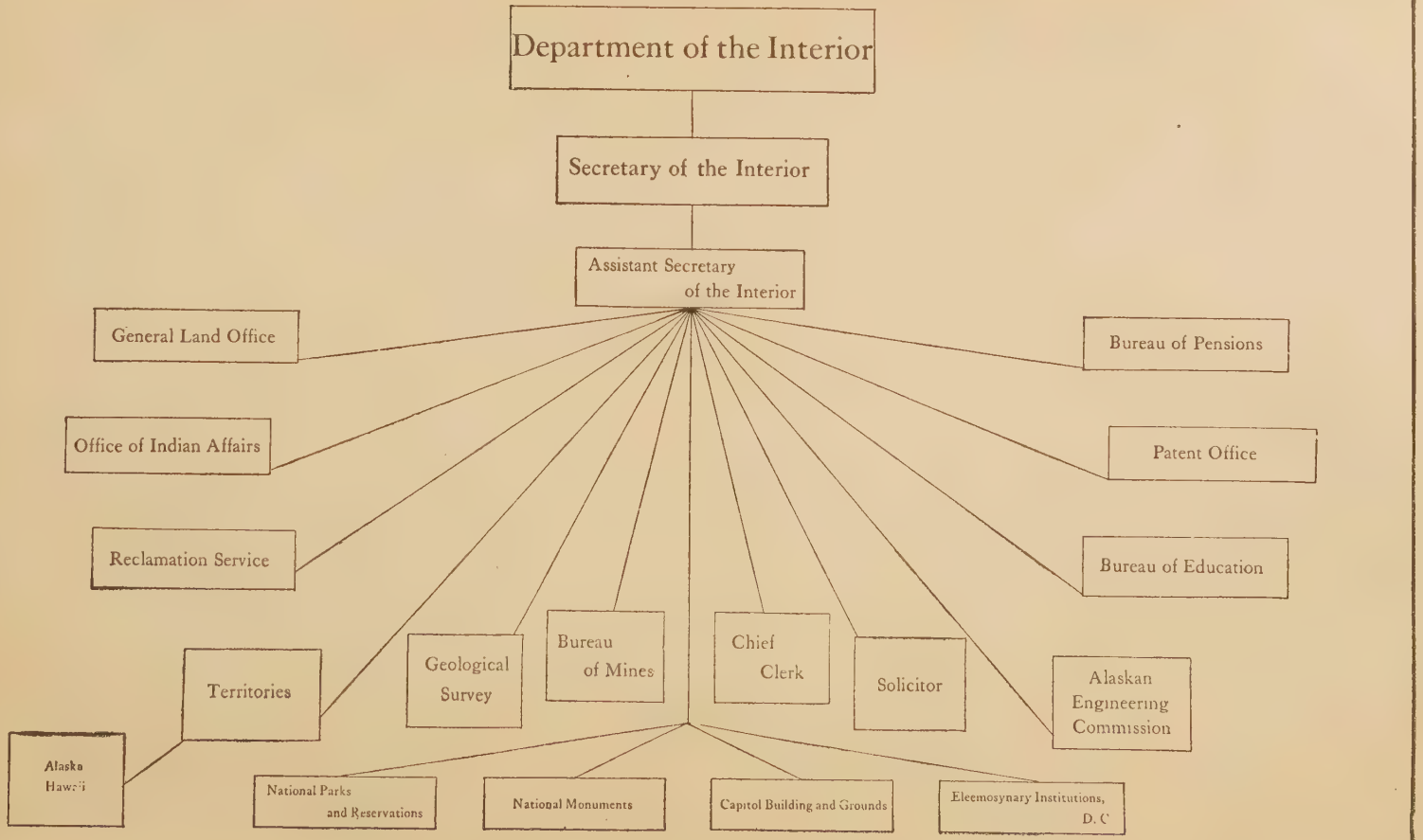
The Bureau of Education was originally established under the name of the Department of Education in 1867; the succeeding year it was made a Bureau of the Interior Department. Its head is the Commissioner of Education. His duties are to collect such statistics and facts as show the progress of education throughout the country, and to diffuse this and such other information as shall aid in educational progress. He also has charge of the education of the Indians in Alaska, and administers the endowment fund for the support of agricultural and mechanical colleges.

The Geological Survey was made a Bureau of the Interior Department in 1879, although geological and topographical expeditions had been sent out before that time. Its head, the Director of the Geological Survey, is charged with the classification of public lands, their examination as to geologic structure, mineral resources and products and the preparation of topographic and geologic maps; he makes investigations as to the water supply and the capacity of streams; and has charge of the reclamation of arid lands (popularly known as irrigation work) including the *disbursement of the reclamation fund*, created by the act of June 17, 1902, from the sale of arid lands. (See Irrigation; see Geological Survey.)

Following is a list of the secretaries of the interior and the presidents under whom they served:

President	*Secretary of the Interior*	*Appointed*
Taylor	Thomas Ewing, Ohio	1849
Fillmore	James A. Pearce, Md	1850
"	T. H. T. McKennan, Pa	1850
"	Alex. H. H. Stuart, Va	1850
Pierce	Robert McClelland, Mich	1853
Buchanan	Jacob Thompson, Miss	1857
Lincoln	Caleb B. Smith, Indiana	1861
"	John P. Usher, Indiana	1863
Johnson	" "	1865
"	James Harlan, Iowa	1865
"	Orville H. Browning, Ill	1866
Grant	Jacob D. Cox, Ohio	1869
"	Columbus Delano, Ohio	1870
"	Zachariah Chandler, Mich	1875
Hayes	Carl Schurz, Missouri	1877
Garfield	Samuel J. Kirkwood, Iowa	1881
Arthur	Henry M. Teller, Colorado	1882
Cleveland	Lucius Q. C. Lamar, Miss	1885
"	William F. Vilas, Wis	1888
B. Harrison	John W. Noble, Missouri	1889
Cleveland	Hoke Smith, Georgia	1893
"	David R. Francis, Mo	1896
McKinley	Cornelius N. Bliss, N. Y	1897
"	Ethan A. Hitchcock, Mo	1899
Roosevelt	" "	1901
"	James R. Garfield, Ohio	1907
Taft	Richard A. Ballinger, Wash	1909
"	Walter L. Fisher, Illinois	1911
Wilson	Franklin K. Lane, Calif	1913
"	John Barton Payne, Ill	1920

For more detailed information as to the scope of the activities of the Department of the Interior consult the index references


Department of the Interior
Secretary of the Interior
Assistant Secretary of the Interior
General Land Office
Office of Indian Affairs
Reclamation Service
Territories
Alaska
Hawaii
Geological Survey
Bureau of Mines
Chief Clerk
Solicitor
Bureau of Pensions
Patent Office
Bureau of Education
Alaskan Engineering Commission
National Parks and Reservations
National Monuments
Capitol Building and Grounds
Eleemosynary Institutions, D. C

to the Presidents' Messages and Encyclopedic articles under the following headings:

Bureau of Education
Eleemosynary Institutions
General Land Office
Geological Survey.
Indians.
Land Grants.
Lands, Bounty.
Lands, Desert.
Lands, Homestead.
Lands, Indian.
Lands, Mineral.
Lands, Public.
Lands, Swamp.
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Mines, Bureau of
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Patents.
Pensions.
Reclamation Service
Territories

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Internal Revenue.—That part of the revenue of a country which is derived from duties or taxes on articles manufactured or grown at home, on licenses, stamps, incomes, etc.—in fact, all revenue not collected on imports or exports. Until the early part of the World War, the internal revenue of the United States was derived chiefly from taxes on liquor and tobacco; but with the World War the income tax on corporations and on individuals and the excess war profits tax began to make up the bulk of the internal revenue of the United States. Before the close of the War, war-time prohibition of the manufacture and sale of alcoholic liquors, followed by Constitutional prohibition, had cut down the revenue from that source. By that time, the internal revenue had become far greater than the revenue from imports.

The $1,000,000 figure for the internal revenue of the United States was first reached in 1801. It then dwindled to practically nothing, until the opening of the Civil War saw the imposition of new war taxes. In 1866, the internal revenue reached the high-water mark for the nineteenth century, $309,226,813. It then decreased to $185,000,000 in 1870, and to $125,000,000 in 1880. From that year until the Spanish-American War, the internal revenue was between $110,000,000 and $160,000,000 annually. In 1901, it rose to $307,000,000, then declined slightly until 1910. In recent fiscal years, the internal revenue has been as follows:

1912...	$321,615,895	1917..	$ 809,393,640
1913...	344,424,454	1918..	3,698,955,821
1914...	380,008,894	1919..	3,850,150,079
1915...	415,681,024	1920..	5,407,580,252
1916...	512,723,288	1921..	4,595,000,766

The War Revenue Act of February 24, 1919, as amended by the Act of November 23, 1921, fixed the chief sources and rates of internal revenue for 1922 as follows:

INCOME TAX, PERSONAL

See Income Tax.

CORPORATION INCOME AND EXCESS PROFITS TAX

See Corporation Tax.

INHERITANCE (ESTATE) TAX

See Inheritance Tax.

TELEPHONE AND TELEGRAPH

On each telephone, telegraph, cable or radio message originating within the United States, if charge is more than fourteen and not more than fifty cents, 5 cents; if charge is more than fifty cents, 10 cents. Leased wires, 10%.

TOBACCO

Tax on Cigars, Tobacco, Etc.: On cigars weighing not over 3 pounds per 1,000, $1.50 per 1,000; over 3 pounds to retail at not over 5 cents each, $4 per 1,000; at 5 to 8, $6; 8 to 15, $9; 15 to 20, $12; at more than 20 cents each, $15 per 1,000. On cigarettes, not over 3 pounds per 1,000, $3 per 1,000; over 3 pounds, $7.20; on tobacco and snuff, 18 cents per pound; cigarette papers, 25 to 50 papers, half cent; 50 to 100 papers, 1 cent; more than 100, half cent for each 50; on tubes, 1 cent for each 50 tubes.

AMUSEMENTS AND CLUBS

Taxes on Admissions and Dues: For admissions, 1 cent for each 10 cents or fraction, where the admission is above nine cents; upon tickets sold at news-stands, hotels, etc., at not to exceed 50 cents advance, 5% of the advanced price; if advance over 50 cents, 50%; 1½ cents on each 10 cents of admissions to cabarets, roof gardens, etc., where admission charge is included in total charges for refreshments, etc., the admission charge being considered 20% of the total charge.

The above taxes are solely on admissions to activities conducted for a profit by a non-philanthropic agency.

Where dues or initiation fees of social, athletic or sporting clubs amount to more than $10, 10%; life members to pay at active membership rates annually. Dues to fraternal bodies operating on lodge system are exempt from this tax.

BEVERAGES

See Excise Laws.

EXCISE TAXES

See Excise Laws.

SPECIAL TAXES

Domestic Corporations: $1 for each $1,000 in excess of $5,000 of fair average value of capital stock for preceding year; Foreign Corporations, $1 for each $1,000 of average capital employed in business in United States.

In computing the tax, deposits and reserve funds required by law to be kept by insurance companies are not included.

Brokers, $50; if value of seat or exchange membership $2,000 to $5,000, $100; over $5,000, $150; Pawnbrokers, $100; Ship Brokers, $50; Custom House Brokers, $50; Proprietors of Theatres, Museums, and Concert halls, seating not over 250, $50; 250 to 500, $100; 500 to 800, $150; over 800, $150.

In cities, towns and villages of 5,000 or less, one-half of above for theatres, museums, and concert halls.

Circuses, $100; other Public Exhibitions or shows, $15 (not applicable to Chautauquas, industrial fairs or exhibitions under auspices of religious or charitable bodies).

Bowling Alleys and Billiard Rooms, $10 per alley or table; Shooting Galleries, $20; Riding Academies, $100; Hiring out Automobiles—each auto, $10; if seating more than 7, $20.

Brewers, Distillers, Wholesale and Retail Liquor, and Malt Liquor Dealers, Manufacturers of Stills, for Federal licenses in places where such business is contrary to state or local laws, $1,000.

Manufacturers of Tobacco—annual sales not over 50,000 pounds, $6; 50,000 to 100,000 pounds, $12; 100,000 to 200,000, $24; over 200,000, $24, and 16 cents per 1,000

The chief items in the internal revenue tax in recent years have been as follows:

Fiscal Years	Distilled Spirits	Fermented Liquors	Tobacco	Miscellaneous and War Excise	Income Tax Etc.
1916	$158,682,440	$ 88,771,104	$ 88,063,948	$ 43,874,465	$124,937,252
1917	192,111,319	91,897,194	103,301,592	44,760,678	359,718,404
1918	317,553,688	126,285,858	156,188,660	225,973,363	2,838,999,894
1919	365,211,252	117,839,602	206,003,092	513,823,884	2,600,783,903
1920	97,905,276	41,965,874	295,809,355	883,863,872	3,956,936,004
1921	82,598,065	25,364	255,219,385	913,871,459	3,228,137,674

(or fraction) on excess. Cigar Manufacturers—up to 50,000 cigars, $4; 50,000 to 100,000, $6; 100,000 to 200,000, $12; 200,000 to 400,000, $24; over 400,000, $24 and 10 cents per 1,000 (or fraction); cigarettes, 6 cents per 10,000 (or fraction).

Yachts, Pleasure, Motor, Sailing Boats, not used exclusively for commercial purposes, over five net tons and over thirty-two feet in length, between thirty-two and fifty feet, $1 for each foot; between fifty and one hundred feet, $2 for each foot; and over one hundred feet, $4 for each foot. This tax is upon the use of such pleasure boats, and is payable every year on July 1; it applies also to purchases of new boats. (See also Excise Laws for additional taxes on the purchase of boats.)

Opium, etc.: Importers, dealers and dispensers of opium, coca leaves, and derivatives and compounds thereof, must register with internal revenue collector of their districts and pay taxes as follows—Importers, manufacturers, compounders, $24 annually; wholesale dealers, $12 annually; retail dealers, $6 annually; physicians, dentists and other lawful administrators, $3 annually.

STAMP TAXES

On Bonds, Certificates of Indebtedness, Corporate Securities, 5 cents on each $100 of face value or fraction thereof; on each original issue of capital stock, 5 cents on each $100 (or fraction), stamps to be affixed to stock-books, not to certificates; on Sales or Transfers, 2 cents on each $100; Produce Exchange sales, for each $100, 2 cents; Promissory Notes, and Drafts up to $100, 2 cents, and 2 cents on each additional $100; Deeds (real estate) $100 to $500, 50 cents, for each additional $500, 50 cents; Custom House entries, up to $100, 25 cents; $100 to $500 50 cents, over $500, $1; for Withdrawals, 50 cents; Passage Tickets (on Vessels), sold or issued in U. S. to place not in U. S., Canada or Mexico, $10 to $30, $1; $30 to $60, $3; over $60, $5; Proxies for voting at election of officers, or at business meetings, 10 cents; Powers of Attorney, 25 cents (not applicable to pensions, back-pay-bounty, or claims from U. S., or to those required in bankruptcy cases); Playing Cards, 8 cents per pack; Policy or Document whereby insurance is made or renewed upon property within United States against peril in transit or by fire, lightning, tornado, wind-storm, or armed riot, etc., by foreign agency, 3 cents on each dollar or fraction thereof of premium charged, except that policies of reinsurance are exempt.

CHILD LABOR TAX

Operators of mines where children under 16 have been employed during any part of taxable year and mills, canneries, workshops, or factories where children under 14 have worked or where children under 16 worked more than eight hours a day or six days a week or after 7 P. M. or before 6 A. M. must pay, in addition to other taxes, 10% of entire net profits.

COLLECTIONS CLASSIFIED

The total internal revenue collected during the fiscal year ending June 30, 1921, included the following classifications, according to the report of the Collector of Internal Revenue for that year:

Income and Profits—Individuals and Corporations		$3,228,137,674
Estates (Inheritances)		154,043,260
Distilled Spirits		82,598,065
Fermented Liquors		25,364
Tobacco		255,219,385
Cigarettes	$135,409,628	
Cigars	52,090,073	
Chewing, Smoking	59,330,627	
Documentary Stamps, etc.		72,468,014
Freight		140,019,200
Express		17,093,936
Passenger Transportation		97,481,976
Seats, Berths, Staterooms		8,485,016
Oil by Pipe Line		9,989,874
Telegraph and Telephone Tax.		27,360,361
Leased Wires, etc.		1,082,051
Insurance		18,992,094
Manufacturers' Excise		177,751,214
Autos., Commercial	$11,640,056	
Autos., Pleasure	64,388,184	
Auto. Accessories	39,518,009	
Pianos, etc.	11,568,035	
Sporting Goods	4,283,902	
Candy	20,436,700	
Fur Articles	9,081,239	
Movie Films	6,008,108	
Consumers' Excise Tax		51,595,647
Luxury Taxes	$20,374,604	
Jewelry, Watches	24,303,937	
Corporations' Capital Stock		81,525,653
Admissions		89,730,838
Club Dues		6,159,818

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Internment.—The imprisonment by the authorities of a country of foreign citizens within its borders. The imprisonment is not intended as individual punishment, and occurs without reference to the conduct of the individual foreigner; it is a precaution taken against possible seditious conduct, and the imprisonment may amount to holding the foreigners as hostages in case reprisals become necessary. Internment differs from immurement in the fact that immure

ment imprisons all nationalities who happen to be within the enclosure used for that purpose.

Interoceanic Canal Co., discussed, 5470.

Interparliamentary Union for International Arbitration, 6796.
- Address of President Roosevelt to, 6891.
- Second Hague Conference initiated by, 6923.

Interstate Commerce.—Commercial transactions and intercourse between residents in different states or carried on by lines of transport extending into more than one state. Power to regulate commerce between the states is invested in Congress by the Constitution (18). It is held that the power to regulate commerce of necessity includes the power to regulate the means by which it is carried on, so that the scope of authority given to Congress by this clause enlarges with the development of the industries of the country and the means of communication. The intent of the framers of the Constitution was to prohibit legislation by any state against the business interests of another state by taxation, discrimination or otherwise. It was intended also as a check upon the arbitrary power of state legislatures rather than upon private corporations or railroad companies. With the development of the great railway lines, traversing many states and bringing remote interior producers into close communication with the seaboard markets, came the necessity for regulating the rates of transportation by a more general law than it was within the power of any state to enact.

It was charged against the railroads that certain firms, or firms in certain cities made contracts by which their goods were carried over long distances at lower rates than were demanded for carrying the same goods short distances. The railroads claimed that competition between trunk lines forced them to take the long-distance freight at nearly the same rates as they received for local freight, where there was no competition. It was asserted that the railroads did not regulate freight rates by cost of carrying, but by what the business would bear.

The first attempts to regulate interstate commerce began in 1873, previous to which time the Grangers had had state laws for regulation of railroad charges enacted in some of the Western States. In 1878 John H. Reagan, of Texas, introduced a series of bills in the House, which culminated Feb. 4, 1887, after yearly debates on these and similar bills, in the act to regulate commerce. This law established an Interstate Commerce Commission of five to investigate complaints. It furthermore gives shippers the option of complaining to this commission or of instituting suits in the Federal courts; prohibits unjust discrimination between persons and places, the giving of special rates, etc., though the commissioners may suspend this rule in special cases; requires railroads to publish rates and adhere to them, and forbids pooling of freights of different and competing railroads; enforces the Safety Appliance Act of 1893, and requires from all common carriers doing an interstate business a monthly report of all accidents both to passengers and employees. The chairman of the Commission is directed to assist the Commissioner of Labor to endeavor to settle all disputes between railway companies and their employees. (For developments of regulation over interstate commerce, see Interstate Commerce Act and Interstate Commerce Commission; see also Railroads and Anti-trust Law.)

Interstate Commerce (see also Interstate Commerce Act, Interstate Commerce Commission, Anti-Trust Law, Business):
- Control of, discussed by President Roosevelt, 6712, 6898, 7193, 7199, 7203.
- Corporations in, licenses urged for, 8771, 8816.
- Foodstuffs in, regulation of, discussed, 8815.

Interstate Commerce Act. (See Assistant to the Attorney-General.):
- Amendment of 1910 to, defects in, discussed, 7488, 7552.
- Amendment for control of carriers by Commission suggested regarding—
  - Agreements, rate and traffic, 7342, 7444.
  - Rate:—
    - Agreements, 7342, 7444.
    - Changes, postponement of, pending investigation, 7445.
    - Quotation of, compulsory, to prospective shippers, 7444.
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  - Stock, interownership of, between competing carriers, prohibition of, 7447.
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  - Arthur, 4732, 4772.
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- Interstate commerce rates reduced, after passage of law regulating, 7419.
- Judicial interpretation of, 7217.
- Law supplementary to, making stock and bond issues subject to Commission urged, 7447.
- New York Central and Hudson River R. R. convicted under, opinion and sentence of Judge Holt quoted, 7405.
- Physical examination of railways recommended, 7130.

Interstate Commerce Commission.—Under "An act to regulate commerce," approved Feb. 4, 1887, as amended March 2, 1889, Feb. 10, 1891, Feb. 8, 1895, the "Elkins Act" of Feb. 19, 1903, and the amending act approved June 29, 1906, the Interstate Commerce Commission is composed of seven members. The regulating statutes apply to all common carriers engaged in the transportation of oil or other commodity, except water and except natu-

ral or artificial gas, by means of pipe lines, or partly by pipe line and partly by rail, or partly by pipe line and partly by water, and to common carriers engaged in the transportation of passengers or property wholly by railroad (or partly by railroad and partly by water when both are used under a common control, management, or arrangement for a continuous carriage or shipment). The statutes apply generally to interstate traffic, including import and domestic traffic, and also that which is carried wholly within any Territory of the United States. Only traffic transported wholly within a single state is excepted.

The commission has jurisdiction on complaint and after full hearing to determine and prescribe reasonable rates, regulations, and practices, and order reparation to injured shippers; to require any carriers to cease and desist from unjust discrimination or undue or unreasonable preference, and to institute and carry on proceedings for enforcement of the law. The commission may also inquire into the management of the business of all common carriers subject to the provisions of the regulating statutes, and it may prescribe the accounts, records, and memoranda which shall be kept by the carriers, and from time to time inspect the same. The carriers must file annual reports with the commission, and such other reports as may from time to time be required. Carriers failing to file and publish all rates and charges, as required by law, are prohibited from engaging in interstate transportation and penalties are provided in the statute for failure on the part of carriers or of shippers to observe the rates specified in the published tariffs.

Under the act of Aug. 7, 1888, all Government-aided railroad and telegraph companies are required to file certain reports and contracts with the commission, and it is the commission's duty to decide questions relating to the interchange of business between such Government-aided telegraph company and any connecting telegraph company. The act provides penalties for failure to comply with the act or the orders of the commission.

The act of March 2, 1893, known as the "Safety Appliance Act," provides that railroad cars used in interstate commerce must be equipped with automatic couplers, and draw-bars of a standard height for freight cars, and have grab irons or handholds in the ends and sides of each car; and that locomotive engines used in moving interstate traffic shall be fitted with a power driving-wheel brake and appliances for operating the train-brake system. The act directs the commission to lodge with the proper district attorneys information of such violations as may come to its knowledge. The act of March 2, 1903, amended this act so as to make its provisions apply to territories and the District of Columbia, to all cases when couplers of whatever design are brought together, and to all locomotives, cars, and other equipment of any railroad engaged in interstate traffic, except logging cars and cars used upon street railways; and provides for a minimum number of air-braked cars in trains.

The act of June 1, 1898, known as the arbitration act, directs the chairman of the Interstate Commerce Commission and the Commissioner of Labor to use their best efforts, by mediation and conciliation, to settle controversies between railway companies engaged in interstate commerce and their employees. By amendment of this act March 4, 1911, any member of the commission, or of the Court of Commerce, may exercise the powers conferred upon the chairman of the commission.

Public resolution No. 46, approved June 30, 1906, and the sundry civil appropriation act of May 27, 1908, direct the commission to investigate and report on the use and need of appliances intended to promote the safety of railway operation.

The act of Feb. 11, 1903, provides that suits in equity brought under the act to regulate commerce, wherein the United States is complainant, may be expedited and given precedence over other suits, and that appeals from the circuit court lie only to the Supreme Court. The act of Feb. 19, 1903, commonly called the Elkins law, prohibits rebating, allows proceedings in the courts by injunctions to restrain departures from published rates, and provides that cases prosecuted under the direction of the Attorney-General in the name of the commission shall be included within the expediting act of Feb. 11, 1903.

The act of March 4, 1907, makes it the duty of the Interstate Commerce Commission to enforce the provisions of the act wherein it is made unlawful to require or permit employees engaged in or connected with the movement of trains to be on duty more than a specified number of hours in any twenty-four.

The act of May 23, 1908, by section 16 thereof, gives the Interstate Commerce Commission limited control over the street railroads in the District of Columbia.

The act of May 30, 1908, directs the Interstate Commerce Commission to make regulations for the safe transportation of explosives by common carriers engaged in interstate commerce. A penalty is provided for violations of such regulations.

The act of May 30, 1908, makes it the duty of the Interstate Commerce Commission to enforce the provisions of the act wherein it is provided that after a certain date no locomotive shall be used in moving interstate or foreign traffic, etc., not equipped with an ash pan which can be emptied without requiring a man to go under such locomotive. A penalty is provided for violations of this act.

The act of March 3, 1909, authorizes the commission to prescribe the form of bookkeeping for District of Columbia gas and electric companies.

By act of April 14, 1910, the safety-appliance acts were supplemented so as to require railroads to equip their cars with sill steps, hand brakes, ladders, running boards, and grab irons, and the commission was authorized to designate the number, dimensions, location, and manner of application of appliances.

By act of May 6, 1910, the prior accident-reports law was repealed and a new statute passed giving more power to the commission as to investigating accidents, and is more comprehensive than the former law.

By amendment of June 18, 1910 ("Mann-Elkins law"), a Court of Commerce was created (q. v.) with jurisdiction to restrain or enforce orders of the commission. This court is composed of five judges selected from the circuit court judges of the United States, and the amendment contains specific provision as to jurisdiction and procedure. Telegraph, telephone, and cable companies are made subject to the commission. The jurisdiction of the commission is increased

as to through routes and joint rates, freight classification, switch connections, long and short hauls, filing or rejection of rate schedules, investigations on own motion, making reasonable rates, suspension of proposed rates, and other matters. An important section authorizes the President to appoint a special commission to investigate issuance of railroad stocks and bonds.

The act of Feb. 17, 1911, confers jurisdiction upon the commission to enforce certain provisions compelling railroad companies to equip their locomotives with safe and suitable boilers and appurtenances thereto.

The act of August 24, 1912 makes it unlawful, after July 1, 1914, for any common carrier subject to the jurisdiction of the Act to own, lease, operate, control or have any interest in any competing carrier by water. Jurisdiction is given the Commission to determine questions of fact as to competition, after full hearing, on the application of any railroad company or other carrier; and to extend beyond July 1, 1914 the time during which such ownership or operation of vessels plying elsewhere than through the Panama Canal may continue when it is found to be in the interest of the public and of advantage to the convenience and commerce of the people, and not in restraint of competition.

The same act gave the Commission jurisdiction over transportation of property from point to point in the United States by rail and water whether through the Panama Canal or otherwise, and not entirely within the limits of a single state. Under certain limits this jurisdiction includes power to establish physical connection between lines of the rail carrier and the dock of the water carrier by directing the rail carrier to make such connection. Jurisdiction is given to establish through routes and maximum joint rates over such rail and water lines, and to determine the conditions thereof. To establish proportional rates to and from ports. To determine to what traffic and in connection with what vessels and upon what terms and conditions such rates shall apply. To require rail carriers entering into through routing arrangements with any water carrier to extend the privileges of such arrangements to other water carriers.

The act of February 13, 1913 punishes the unlawful breaking of seals of railway cars carrying interstate commerce; unlawful entrance into them and stealing from them, as well as felonious asportation into another district.

The act of March 1, 1913 provides for a physical valuation of all railroad property in the United States by the Commission.

By act of October 22, 1913, the Commerce Court is abolished after December 31,1913, its jurisdiction being transferred to and vested in the several District Courts of the United States.

The same act carries an appropriation for tests of safety appliances and automatic controlling devices, similar appropriations being included in later acts.

The act of September 26, 1914 creates the Federal Trade Commission (q. v.).

The act of October 15, 1914 gives the Commission jurisdiction to prohibit, with certain exceptions, carriers from discriminating between purchasers in sales of commodities, and from making leases or sales of commodities and from acquiring stock or capital of other corporations engaged in commerce tending substantially to lessen competition or to create a monopoly. The act makes it a felony for a President or other officer to misappropriate a carrier's funds. It provides that two years after the date of the act no carrier shall have dealings in securities or supplies or contract for construction or maintenance to the amount of more than $50,000 in the aggregate in any one year with another corporation or organization when, by reason of common officers or otherwise, there exists a community of interest between the carrier and such other corporation or organization, except as a result of free competitive bidding under regulations to be prescribed by the Commission.

Act of March 4, 1915 extends the powers of the Commission to inspect and to prescribe standards of safety to include "all parts and appurtenances of the locomotive and tender."

The act of March 4, 1915 extends the liability of carriers on through bills of lading to countries outside of the United States.

Act of July 28, 1916 empowers the Commission to fix and determine fair and reasonable rates and compensation for the transportation of mail matter by railway common carriers and service connected therewith.

The act of August 9, 1916, in time of war gives the transportation of soldiers precedence over all other transportation; and in time of peace the same rule is made applicable to consignments to agents of the United States government.

Act approved August 10, 1917 assigns punishment to any one who, either by physical force or by threats, shall hinder interstate or foreign commerce while the United States is engaged in war with Germany.

During 1915, 964 formal complaints were filed with the Commission, and in 1916, 854. In 1916, 806 cases were disposed of, and there were 1,425 hearings. 54 indictments were returned for violations of the act to regulate commerce. Of the 53 cases concluded in the year, 42 were concluded favorably to the government. 55 collisions were investigated and 430 derailments.

During the past few years, the Commission has been engaged, at the direction of Congress, in the stupendous task of making a valuation of the physical property of the railroads of the United States. It had been hoped to finish the valuation by 1921, but the process was delayed by America's participation in the World War. The question of the figures for the physical valuation was complicated also by the decreasing value of the dollar in recent years, and since the Commission began its valuation work.

For the administration of the railroads during the war against Germany, see Railroads. The federal administration of the railroads deprived the Interstate Commerce Commission of much of its authority and many of its functions. By the terms of the bill (approved February 28, 1920) returning the railroads to private ownership, the Interstate Commerce Act is amended to cover transportation of passengers or property by railroad, or partly by railroad and partly by water; pipe line transportation of oil, etc., but not water and gas; interstate wireless transmission of intelligence.

The term "common carrier" is made to embrace all pipe-line companies, telegraph, telephone and cable companies operating by wire or wireless; express companies; sleeping car companies. The Commission is given power on its own initiative to make and enforce rules governing car service, equipment, compensation, transfer of equipment, joint use of terminals and tracks, priority in shipments, routing of traffic, etc. The Commission is given the power to authorize the acquisition of one railroad by another. The Commission is also ordered to make a plan for the consolidation of the railroads into a limited number of systems. For further details, see Railroads.

The same act enlarges the Commission so as to consist of 11 members, appointed for 7 years each, with annual salary of $12,000.

Interstate Commerce Commission:

Amendment making rate increases ineffective till sanctioned by, recommended, 7445, 7487.

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Restriction of power of, to judicial function, and employment of Department of Justice in suits, recommended, 7443.

Stock and bond issues by railroad companies properly controllable by, 7447, 7552.

Work of, 6902.

Interstate National Guard Association.—This association is composed of representatives of the organized militia of the states of the Union, and its purpose is to conserve the interests of that body of troops.

Intervention.—A firm interference in the actions of another country. It may take the form of protest against the other country's oppressor, or against a faction within the other country in case of internal trouble. Intervention usually presupposes armed force, if necessary, to mitigate the evils against which protest is made. Intervention is, therefore, a stronger term than intercession. (See Intercession.)

Intervention in Mexico and Russia. (See Mexico and Russia.)

Intimidation. (See Boycott.)

Inventions. (See Patent Office; Patents.)

Inventions, American.—The industrial progress of the world is marked by inventions and discoveries which dot the path from barbarism to the highest state of civilization. While the first great inventions of gunpowder, printing, the mariner's compass, the barometer, thermometer, steam engine, spinning jenny, etc., were brought to these shores by the earlier settlers, the world owes a great deal to America for original discoveries and inventions as well as the development and practical application of ideas from abroad. From the day of the setting up of the printing press and the drawing of electricity from the clouds, the American inventive faculty has been active, and, encouraged by the patent laws and the resultant fame and financial rewards, genius has run riot in America.

Jeremiah Wilkinson's mule spinner, invented in 1774, was the basis of the cotton-goods industry in New England, and in the steamboat of John Fitch and the steam road wagon of Oliver Evans, in 1786 and 1787, we find the nucleus of our present day steam-navigation service and the automobile industry. The threshing machine was scarcely introduced from England than Eli Whitney gave us the cotton gin. It was an American, John Stevens, who first applied the idea of twin-screw propellers to steam navigation and made possible the ocean greyhound of to-day. The breech-loading shotgun was patented by an American before the breaking out of the War of 1812. The eccentric lathe for turning irregular wood forms was invented by Thomas Blanchard, an American, in 1819, and John Walker patented friction matches in 1827. Prof. S. F. B. Morse conceived the electric telegraph in 1832, and in the same year Saxton devised the electro-magnetic machine, and M. W. Baldwin built "Old Ironsides," the first great locomotive in the United States, and two years later Obed Hussey and Cyrus McCormick gave us the reaper and mowing machine. Samuel Colt patented the revolving chambered firearm in 1836, and three years later Charles Goodyear discovered how rubber can be vulcanized. Charles Thurber had a practical typewriting machine in operation in 1843. In 1844 Dr. Horace Wells discovered the use of nitrous-oxide gas as an anæsthetic, and two years later Dr. Morton used ether for the same purpose. Robert Hoe's double-cylinder printing press was immediately followed by Elias Howe's sewing machine. The laying of the first Atlantic telegraph cable, which was conceived and executed by Cyrus W. Field, gave an impetus to inventive genius along the line of rapid communication and transportation, and was followed by many improvements in electrical apparatus, car couplers, air brakes, printing, photography, farm machinery, etc. Graham Bell had the telephone in practical operation in 1876, and the following year Edison completed the phonograph, which he followed immediately with the incandescent electric light. An idea of the many inventions in the line of electrical appliances may be obtained from the fact that Mr. Edison alone, according to the records of the Patent Office, received 742 patents for electric devices between 1872 and 1900. As an indication that Edison was not the only busy inventor, it may be stated that during the same period some forty others received from one hundred to more than six hundred patents each. The

linotype machine, patented by Othmar Mergenthaler in 1884, wrought many changes and improvements in the printing trade, and the rear-drive chain safety bicycle, which before the advent of the improved automobile held sway as a rapid and economical mode of individual transportation, was the invention of George W. Marble. The extraction of aluminum and the manufacture of cement are also important American inventions. For America's contributions to the science of navigating the air, see the article entitled Aeronautics in this volume. It is not the purpose of this article to enumerate all the great inventions for which the world is indebted to Americans, but merely to show that the encouragement by the government has stimulated genius to a point even beyond the fondest hopes of the early promoters of the patent office. (See also Patent Office.)

Inventions Exhibition, International, at London discussed, 4827.

Iowa.—One of the middle western group of states; nickname, "The Hawkeye State"; motto, "Our liberties we prize and our rights we will maintain." It was formed from a part of the Louisiana territory purchased from France. The name signifies "Here is the place to dwell in peace." Iowa is bounded on the north by Minnesota, on the east by Wisconsin and Illinois (separated by the Mississippi River), on the south by Missouri, and on the west by Nebraska and South Dakota, and has an area of 56,147 square miles.

The first white settlement was made at Dubuque by Julian Du Buque in 1788. In 1834 the territory was made a part of Michigan. In 1836 it was added to Wisconsin Territory, and in 1838 the Territory of Iowa was established. It was admitted to statehood Dec. 28, 1846. Iowa is almost exclusively an agricultural state.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 217,044 (a decrease of 11,578, or 5.1 per cent. as compared with 1900), comprising 33,930,688 acres, valued, with stock and improvements, at $3,745,860,544, an average of $82.58 per acre, as compared with $36.25 in 1900. The value of domestic animals, poultry, etc., was $393,003,196, including 4,448,006 cattle, valued at $118,864,139; 1,492,226 horses, $177,999,124; 55,524 mules, $7,551,818; 7,545,853 swine, $69,693,218; 1,145,549 sheep, $5,748,836.

The latest figures for the annual agricultural output are as follows:

Crop	*Acreage*	*Bushels*	*Value*
Corn	10,000,000	416,000,000	$499,200,000
Oats	5,670,000	196,182,000	125,556,000
Hay	3,140,000	5,181,000*	90,150,000
Wheat	1,700,000	23,675,000	47,350,000
Potatoes	115,000	4,945,000	9,494,000

*—tons.

Latest figures for the live-stock show 1,505,000 horses, valued at $133,945,000; 71,000 mules, $8,591,000; 1,353,000 cows, $119,064,000; 2,775,000 other cattle, $135,975,000; 1,321,000 sheep, $15,852,000; and 10,389,000 swine, $226,480,000. The last annual wool clip yielded 5,060,000 pounds of wool.

The chief mineral product is coal, the output for a recent year being 8,240,000 net tons. Clay products and cement are also important branches of mineral activity. In recent years, the value of the annual total mineral output has been above $30,000,000.

In 1910 the population was 2,224,771. In 1920, it was 2,403,630.

The latest figures show about 12% of the population as foreign-born. Slightly more than half the population is urban. The capital and largest town is Des Moines, with an estimated population of 108,000. The last religious census showed the Methodists in the majority, followed by Roman Catholics and Lutherans.

Latest figures show a school population of 681,195, with an enrollment of 503,602, an average daily attendance of 395,605 and a teaching staff of 28,632.

In 1917, the assessed value of real property was $3,032,479,065 and of personal property, $227,628,753. The average annual budget is in the neighborhood of $10,000,000.

The number of manufacturing establishments in Iowa having an annual output valued at $500 or more at the beginning of 1915 was 5,615. The amount of capital invested was $233,373,000, giving employment to 84,949 persons, using material valued at $205,538,000, and turning out finished goods worth $310,954,000. Salaries and wages paid amounted to $56,232,000.

Iowa (see also Cedar Rapids):
- Acts to quiet title of settlers on Des Moines River lands in, vetoed, 4996, 5412.
- Admission of, into Union, memorial from legislature requesting, 2130.
- Boundary line with Missouri, dispute respecting, 1775, 1777, 1788.
- Appropriation to defray expenses growing out of, requested, 1953.
- Claims of, commissioners to be appointed to examine, referred to, 3662.
- Constitution of, appropriation to defray expenses of convention for formation of, requested, 1953.
- Survey of northern boundary of, 2708.
- Volunteers from, thanks of President tendered, 3442.

Iowa Indians. (See Indian Tribes.)

Iowa Reservation:
- Cession of portion of, to United States proclaiming, 5591.
- Sale of, bill for, 4959.

Ioway Indians. (See Iowa Indians.)

Irish Self-Government and Independence, Movement for.—The history of Ireland up to the Act of Union with Great Britain will be found in the section under Ireland in the article, Great Britain. The term "Home Rule" was composed and first applied to the struggle for Irish autonomy in the year 1873, although Irish nationalists had been blazing the trail towards Irish independence for some years previous to that date. The legislative union of Ireland with Great Britain dates from July, 1800, and for some time afterwards the social condition of the masses in one country was probably as bad as that of the masses in the other. The great reform measures inaugurated in Eng-

land in 1832 were reflected but slightly in Ireland, however, as the economic situations of the two countries were becoming more and more dissimilar. The misery of the Irish people, and the inadequacy of the measures proposed for their relief from London finally gave rise to a feeling in Ireland that she alone was able and ethically justified to work out her own salvation, and that hence the legislative union with Great Britain should be abrogated. In the forties this feeling developed under the leadership of Daniel O'Connell, who obtained many followers but no success. An open rebellion broke out in 1848, but was soon quelled. For the next twenty years there was little open trouble, although the fires were smouldering under the surface, and considerable disturbance was created by the Fenians (q. v.), an organization of Irish nationalists organized in America.

In 1868 London began attempts to legislate understandingly concerning the Irish question, and Prime Minister Gladstone disestablished and disendowed the Anglican Church in Ireland in that year. In 1870, the disturbances throughout Ireland became particularly severe, and Gladstone carried through Parliament his so-called "three F" measures—providing for Fair Rent, Fixity of Tenure, and Free Sale. In 1878 Charles Stewart Parnell became the leader of the Irish nationalists; and London was showing greater interest in co-operating to remedy conditions in Ireland when the assassination of Lord Cavendish brought on severe repressive measures. Cavendish, chief secretary for Ireland, was stabbed to death, along with a deeply-hated subordinate, in Phoenix Park, Dublin, on May 6, 1882. For this crime, five men were hanged, three sentenced to life imprisonment, and others received jail terms of various length. The Irish nationalist who turned state's evidence at the trial was later murdered in South Africa, and his assassin in turn was brought to London and hanged for the crime. Nevertheless, the Irish Nationalist party became stronger and stronger, and in 1885 finally achieved the balance of power in the House of Commons. It was on April 6, 1886, that Gladstone made his momentous announcement that he had been converted to Home Rule, and introduced his Home Rule Bill, thereby disrupting the old Liberal Party, only to have the bill itself defeated on June 7, 1886. In 1898, Gladstone for a second time introduced a Home Rule measure into Parliament, and carried it successfully through the House of Commons, only to see it defeated in the House of Lords.

The third Home Rule for Ireland Bill was introduced into Parliament by Premier Asquith in April, 1912. The House of Lords defeated the Bill in January, 1913, but Asquith held an advantage which Gladstone did not enjoy. For in the years between 1898 and 1913, the veto power of the House of Lords had been curbed; and the Bill became law without the consent of the House of Lords on its third passage through the House of Commons on March 5, 1914, by a vote of 351 to 274. The Bill differed in some important features from Gladstone's proposals. It created an Irish Parliament of 164 members, with a House of Lords to be nominated. However, the Lord Lieutenant of Ireland had the power to veto any legislation or to refer it for approval to the British Parliament. Forty-two Irish members were given seats in the British Parliament, with full power to vote upon all questions. Broadly, the Irish Parliament was given the power to legislate upon all questions except those not pertaining to Ireland, treason, foreign treaties, land purchases, tax collections, public loans and certain other questions specifically exempted. Also, the Irish Parliament was forbidden to establish, endow or make preferential regulations concerning any religion. The British Government was to collect all the Irish revenue, returning, however, the sum needed for administration under the Irish Parliament. On the other hand, the Irish Parliament might levy taxes of its own, and it was given the administration of the Irish customs; but the receipts of any increase in taxes of more than 10% had to be turned over to the British Government.

Delay in the application of the Asquith bill was due to the opposition of Ulster County, Unlike the remainder of Ireland, Ulster is to a great extent industrial and Protestant, and objects to being controlled by the agrarian and Catholic Irish majority. In September, 1912, under the leadership of Sir Edward Carson, a solemn pledge was signed in Ulster to refuse to abide by the authority of any act establishing Home Rule. Ulster raised a volunteer army which was reliably reported to number at least 100,000 men, and the army was recruited and drilled with the greatest care. A provisional government was planned, arms and ammunition were extensively imported, and other preparations for civil war were made, of so serious a nature that the Government delayed its application of Home Rule. On July 26, 1914, a serious struggle broke out in the streets of Dublin, concerning the smuggling of some arms into Ireland for revolutionary purposes, and the proximity of this date to August 1, 1914, the date on which the Great European War broke out, is often commented upon. On April 20-25, 1916, a revolt in Dublin disclosed extensive preparations to establish Irish independence by force, and its leader, Sir Roger Casement, was executed for treason on August 2 of the same year.

The outbreak of the War caused the application of Home Rule in Ireland to be postponed.

When David Lloyd George overturned H. H. Asquith as premier of the British Government in December, 1916, he had to turn for support largely to the Unionist Party. The Unionist Party, however, was officially on record as opposed to Home Rule, and Sir Edward Carson was very influential in its councils; so that Lloyd George was compelled to adopt to a great extent the position of the Unionist Party with regard to Ireland during the period of the World War.

On May 17, 1917, Premier Lloyd-George announced that he had submitted to the Irish Nationalists proposals for the immediate application of Home Rule, with the exclusion of Ulster. In the meantime, control of all Ireland would be vested in a Council of Ireland, consisting of two delegations equal in number from the nationalist and the excluded areas. This proposal meeting with little favor, the Premier called a general Irish convention, representing all factions, to suggest solutions of the Irish problem.

The convention sat continuously for eight months, from July 25, 1917, under the presidency of Sir Horace Plunkett, making its report finally on April 12, 1918, three days after Premier Lloyd-George had announced that the Government proposed to extend conscription for the war against Germany to Ireland, and one day before the bill to that effect passed the House of Commons. The Sinn Fein (q. v.) element

refused to be represented in the convention, which finally consisted of seventy-seven delegates, representing chiefly the Nationalists, Ulster Unionists, Southern Nationalists and Laborites. The report of the convention was adopted by a vote of 44 to 29, which Premier Lloyd-George declared to be too small a majority to justify his acceptance of the report. When the question of conscription was brought before the convention, it decided, by a vote of 54 to 17, that conscription in Ireland would be impracticable except with the consent of an Irish Parliament.

The majority of the Nationalists, all the Southern Unionists, and five of the seven Labor delegates endorsed the final proposals of the convention for Home Rule (see below). The scheme of the minority of the Nationalists differed from the scheme of the majority in only one important proposal. Therefore "the convention laid a foundation for an Irish agreement unprecedented in history." "The difficulties of the Irish Convention may be summed up in two words, 'Ulster' and 'Customs'."

The Ulsterites in a separate statement denied that the convention had laid the basis for a settlement of the Irish question and that unanimity had ever been in sight.

In May, 1918, the Lloyd-George Government of Great Britain announced that the Allied reverses in the European War compelled the Government to advocate a policy of conscription in Ireland, and despite opposition on the part of Nationalists and Sinn Fein, supported by many Liberals, Parliament passed a bill granting the Government's request. This action immediately brought to a head discontent in Ireland, and resistance was openly preached. A number of Sinn Fein leaders were arrested and confined in the Tower of London on the charge of having conspired with Germany; but although the Government published evidence in support of such charges (evidence which the Irish ridiculed as inconclusive), it announced that it would not proceed against the prisoners for treason.

So bitter was the opposition, not only in Great Britain and Ireland, but also in the United States, to Irish conscription that there was little doubt that such a policy would be carried into effect only by force of arms, and after civil war on a large scale. Accordingly, the Government announced that it would postpone conscription pending another recourse to voluntary enlistments; but this policy also proved ineffectual, and on June 23, 1918, Lloyd-George announced that the Government had decided not to go ahead with either conscription or Home Rule in Ireland.

The delay in the application of the Home Rule bill of 1914 in the eyes of the great mass of the Irish people discredited the movement for Home Rule—that is, the so-called Irish nationalist movement—and its leaders. The leader of the Irish nationalists, John Redmond, and his followers had loyally supported the British Government in the prosecution of its war upon Germany from the very beginning, hoping thus to achieve the Irish nationalist aims, rather than by forcing England to grant them by a policy of obstruction during the war. But Mr. Redmond's failure, coupled with the English attempt to force conscription upon Ireland, together with the increasing influence of Carson in the British Government, completely undermined the Nationalist or Home Rule movement. As a result, most of Ireland, outside of Ulster, in recent years, has gone over completely to Sinn Féin, the movement for complete Irish independence. Thus in the British general election in December, 1918, Ireland elected 73 Sinn Féiners to 7 Nationalists and 26 Unionists.

The words "Sinn Féin" are Gaelic, and mean "we ourselves." The Sinn Féin movement was organized by Arthur Griffith in 1905, succeeding the Gaelic League, but including political action within its scope, whereas the Gaelic League's activities had been chiefly educational. The central idea of Sinn Féin is that Ireland should recover and assert its nationalist freedom in every way—in language, in literature in dress, in manners and in complete freedom from any other but Irish rule. It has opposed Irish representation in the British House of Commons, thus reversing the policy of the Irish nationalists; and the 73 Sinn Féiners elected in 1918 refused to take their seats in the British Parliament. Sinn Féin made little headway until the war, although it gained some strength by its support of the movement for industrial self-government led by Connolly and Larkin, in 1911 and 1913. In 1913, it aligned itself with the Irish Volunteers, improving its position; but it was not until after the outbreak of the World War that Sinn Féin may be said to have become truly powerful in Ireland.

Before the end of 1919, Ireland was in a state of open revolt, was being held by England only by means or armed force and martial law, and for practical purposes was under the status of a country occupied by alien forces. An Irish republic had been proclaimed. There had been organized and put into effect a native Irish system of communications, customs, finance, education, police protection and law. Diplomatic agents to other countries had been selected and, in some cases, dispatched. An absolute boycott had been proclaimed on everything English and, despite the opposition of the British authorities in Ireland, in many respects Ireland was being governed in its internal processes by the Irish Government

The country was in a state of civil war. Representatives of both the governments were attacked and killed, and both public and private property was burned or otherwise destroyed, exactly as if open warfare were being waged by the two opposing parties. Having some months previously proclaimed a state of martial law in Ireland, England was meeting the open revolt of Ireland by imprisonment without charges, by suspending the rights of habeas corpus and by deportation, but with no success in weakening the Irish separatist movement.

In the United States, the elected President of the Irish Republic, Eamonn de Valera. who had managed to enter the country in 1919, was received enthusiastically in many quarters, without being accorded official recognition by the federal Government. Irish loans, authorized by the Irish Republic, were opened to subscription in the United States and in other countries. Both the United States Senate and the House of Representatives passed resolutions favoring the recognition of the Irish Republic.

The seriousness of the separatist movement revived support outside of Ireland for Home Rule, even for complete self-government within the Empire as enjoyed by Canada or Australia. In England, many of the Liberals openly supported the project of complete Dominion Home Rule, as did the great bulk of the powerful Labor Party, although the latter did not officially come out for complete Irish independence. It was generally feared that if Ireland should

achieve complete independence, the other units of the British Empire would demand a similar status. and that the British Empire would hence dissolve. Finally, when the Lloyd-George Home Rule Bill was nearing passage in Parliament in 1920, the Unionist Party to a great extent had abandoned its opposition to Home Rule as outlined in the Bill. and even Sir Edward Carson announced that he would not oppose its passage. The feature of the Bill attracting the greatest attention was its plan for two Parliaments in Ireland, one of them so functioning as to preserve much autonomy for Ulster.

However, the prospect of this modified form of Home Rule had little effect in quelling the disturbances in Ireland. The people continued their open war upon the English Government and upon their representatives. the large cities were virtually in a state of siege, and more than ever the Catholic clergy were supporting the Sinn Féin movement. The Nationalist movement had practically disappeared, although officially the Nationalist leaders were supporting Sinn Féin.

Ireland (see also Great Britain):
Imprisonment of American citizens in, 2521, 3590, 4678, 4679, 4693, 4699.
Released, 3902, 4713.
Trial and conviction of, 3800, 3827, 3833.
Military expedition to aid insurgent party in. (See Fenians.)
Iron:
Report relating to cost of production of, etc., transmitted, 5569.

Iron and Steel Industry. —The discovery of implements of iron with those of stone and bronze among prehistoric ruins affords conclusive proof of the antiquity of the use of this metal among the ancients. A piece of iron on exhibition in the British Museum taken from the Pyramid of Gizeh is believed to date from 4,000 years before Christ. Assyrians, Egyptians, Greeks and Indians used the metal freely for tools, weapons and ornaments 800 to 400 years B. C. During the prosperous days of the Roman Empire the use of iron became general throughout what was then the civilized world. When Julius Caesar invaded Britain, B. C. 55, he found the natives in familiar possession of spears, swords, hooks and scythes of iron.

Although one of the most abundant and useful of metals iron is seldom found in the native state, but combined with oxygen and other elements it is widely distributed as a constituent of rocks, and forms extensive deposits in many parts of the world. Minerals from which iron ore is extracted for commercial purposes are: Magnetite, in which the iron occurs as magnetic oxide, and contains, when pure, 72.40 per cent of iron; Hematite, including red, blue, and specular hematites and micaceous and fossil ores, containing about 70 per cent of iron; Limonite, or brown hematite, including bog ores, pipe ores, and other hydrated oxides, containing less than 60 per cent of metal; Siderite, or spathic ore, including clay ironstone, blackband, and other ores, with about 48 per cent of iron.

In the United States mining is confined to the hematite, limonite and magnetite deposits, which carry from 50 to 60 per cent of iron. Hematite contributes four-fifths of the total production. A large part of this ore comes from the Lake Superior region, where immense deposits have been found in metamorphosed pre-Cambrian rocks. Five productive belts or ranges are worked. The Marquette, situated in Michigan, east of the Keweenaw Peninsula, opened in 1856; the Menominee, on the border of Wisconsin and the upper peninsula of Michigan, developed in 1877; the Gogebec, wholly in Wisconsin, opened in 1884; the Vermilion and Mesabi, situated northwest of Lake Superior, in Minnesota, first worked in 1884. The deposits are found near the surface and are simply gathered up by steam shovels and dumped on cars.

To extract the pure metal from the various ores of iron requires some simple and cheap preliminary treatment, such as sorting and sizing the pieces of rock, washing away what earthy matter can be removed by water, crushing and concentrating by passing the broken rock through magnetized drums or screens to draw the ore from the non-ferrous gangue with which it is accompanied, and weathering to allow the disintegration of shale and sulphur. The direct or primitive method of extracting the iron from the ore was simply to apply heat to the mass and collect the drops of molten metal. The American bloomery was but a slight modification of the earliest form of forge. The resultant product was wrought iron or steel, according to the details of the process.

In order to prevent the great waste of iron caused by the combination of the gangue with some of the metal it was found necessary to use some substance with which the silica of the gangue will readily unite to form slag. Limestone is the most generally used for this purpose. All such articles added are called fluxes, and their use constitutes one of the most important discoveries ever introduced in the manufacture of iron. Charcoal early became generally used as fuel for heating the mass. The high temperature necessary to fuse lime slag requires a chimney-shaped furnace with appliances for forcing a draught of air through the molten rock. The contrivance used for this purpose is known as the blast furnace. It was first used in the Rhine provinces of Germany about the middle of the fourteenth century.

In 1855 and 1856 Henry Bessemer of London obtained patents for a process of converting molten pig iron into steel by forcing small jets of cold air through the molten iron, but his invention was not successful until modified by Robert F. Mushet, who added to the molten steel, after the blast had been stopped, a sufficient quantity of spiegeleisen (an alloy of iron and manganese) to neutralize the oxide of iron caused by blowing and to give the steel the proper degree of hardness and fluidity. Neither Bessemer nor his American rival, William Kelly of Pittsburgh, who obtained a patent for the same purpose, accomplished anything in America until 1866, when they combined their methods with those of Mushet, and the first plant to produce steel in commercial quantities was put into successful operation by the Pennsylvania Steel Company at Steelton, near Harrisburg, Pa., in June, 1867.

The "basic" open-hearth process of steel-making was introduced into the United States in 1888 by Carnegie, Phipps & Co., at Homestead, Pa. This process consists of an ordinary open-hearth furnace lined with basic material, such as dolomite limestone or magnesite. When pig iron contain-

The production of steel and pig iron in the four leading countries of recent years has been as follows :—

STEEL

	United States	*United Kingdom*	*Germany*	*France*
	Long Tons		*Metric Tons*	
1900	10,188,000	4,901,000	6,646,000	1,565,000
1905	20,024,000	5,812,000	10,067,000	2,240,000
1910	26,095,000	6,364,000	13,699,000	3,390,000
1913	31,301,000	7,664,000	18,959,000	4,687,000
1918	45,073,000	9,591,000	14,874,000	1,912,000

PIG IRON

1900	13,789,000	8,960,000	8,521,000	2,714,000
1905	22,992,000	9,608,000	10,988,000	3,077,000
1910	27,304,000	10,012,000	14,793,000	4,032,000
1913	30,966,000	10,260,000	19,292,000	5,207,000
1918	39,052,000	9,066,000	11,590,000	1,297,000
1919	(estimated) 29,500,000	.....	.....	.....

Other countries produced pig iron in 1915 as follows, in long tons—

Russia	3,638,000
Sweden	755,000
Belgium (1910)	1,823,000
Spain	421,000
Canada	825,000
Italy	389,000
All others	500,000
Total world production pig iron	62,771,000

ing so much phosphorus as to render it unfit for conversion into steel by any other method is melted in such a furnace the basic lining, together with a basic flux which is added, removes the objectionable phosphorus and makes steel equal to that produced in the old open-hearth furnace. By this process immense deposits of iron ore so full of phosphorus as to be useless in steel making were made available for the highest kind of constructive work. High-grade structural material such as boiler and ship plates, bridge and building beams, high-grade castings, etc., is generally open-hearth steel, for the reason that it is considered more uniform in quality than the softer steel made by the Bessemer process.

The first steel rails rolled in the way of regular business were made by the Cambria Iron Company of Johnstown, Pa., in August, 1867, from ingots made by the Pennsylvania Steel Company. The production of Bessemer steel in 1867 was only 3,000 tons, while in 1913 it had grown to 9,545,706 tons. The rapid and enormous development of the Bessemer steel industry in the United States is attributable chiefly to the great extension of our railroads. Bessemer steel is also used for steel bars, merchant steel, and for tin plates. The basic Bessemer, or Thomas, process, though used in Germany to produce 4,888,054 tons in 1902, has not come into general use in this country.

Reports were received by the Department of Commerce from 436 establishments operating steel plants and hot-rolling mills, either or both, in 1914, the total products of which for the year were valued at $919,527,244. The rolled, forged, and other classified iron and steel products aggregated 25,586,715 tons, valued at $802,976,516, comprising 18,526,342 tons of finished rolled products and forgings, valued at $624,754,421, 6,408,030 tons of partly finished rolled products—blooms, billets, slabs, sheet bars, tin-plate bars, muck bar, and scrap bar—valued at $130,674,909, and 652,343 tons of unrolled steel in the form of ingots and castings, valued at $47,547,136.

The statistics for 1914 covered a period of marked depression, the production of rolled iron and steel in that year, as reported by the American Iron and Steel Institute, being 25.9 per cent less than the output in 1913. This was followed by a recovery in 1915, as evidenced by the production of pig iron, which, after dropping from 12,500,000 tons for the first half of the year 1914 to less than 10,800,000 tons for the second half, increased to 12,233,791 tons for the first half of 1915 and to 17,682,422 tons for the second half.

The production of structural shapes in 1914 was 2,085,586 tons, valued at $57,561,206, representing a decrease, as compared with 1909, of 38,044 tons, or 1.8 per cent, in quantity and of $8,003,387, or 12.2 per cent, in value.

The steel-works and rolling-mill industry is concentrated largely in the middle Atlantic and east north central states, and in the Panhandle of West Virginia.

The steel-works and rolling-mill industry comprises three classes of establishments: (1) Those equipped both with furnaces for making steel and with hot rolls for rolling it; (2) those equipped with steel furnaces but not with hot rolls; and (3) those equipped with hot rolls but not with steel furnaces. Most of the largest establishments belong to the first group. All steel plants operated in conjunction with blast furnaces are equipped also with rolling departments. On the other hand, no establishments of the second group have blast furnaces, but all buy pig iron and scrap for steel making. Establishments of the third group include those purchasing their material in the form of ingots, blooms, slabs or other shapes, pig iron for puddling furnaces, and also the few independent bloomeries.

Location of Establishments.—Of the establishments reported for 1914, 178 were located in Pennsylvania, 67 in Ohio, 25 in Illinois, 23 in New York, 19 in Indiana, 15 in New Jersey, 15 in West Virginia, 12 in Massachusetts, 12 in Wisconsin, 9 in Michigan, 7 in California, 6 in Alabama, 6 in Kentucky, 5 in Delaware, 4 in Connecticut, 3 in Maryland, 3 in Missouri, 3 in Rhode Island, 2 in Virginia, and 1 each in Colorado, District of Columbia, Georgia, Maine, Minnesota, Oregon, Tennessee, Texas and Washington.

The tendency toward concentration in large establishments is very marked in the steel industry. There is no other industry

in which so many plants of great size are found. In 1909, 41.7 per cent of the establishments reported products valued at $1,000,000 or more each. This group of establishments in 1909 included twenty-three, with products in excess of $10,000,000 in value. The value of the output of the establishments with products valued at $1,000,000 or over formed 91 per cent of the total for all establishments in 1909, and that of the establishments with products valued at $10,000,000 or over constituted 43.2 per cent of the total.

The following table shows the production of iron ore in the United States of recent years, in gross tons:—

1890	16,036,043	1914	41,439,761
1895	15,957,614	1915	55,526,490
1900	27,553,161	1916	75,167,672
1905	42,526.133	1917*	75,288,851
1910	57,014,906	1918	69,658,278
1912	55,150,147		

*Record Year.

Between 90% and 95% of these figures represent hematite ore. About 85% of the ore mined in the United States in recent years has come from the Lake Superior district.

Of recent years, the production of manganese ore in the United States has increased by leaps and bounds. Between 1885 and 1890, the annual production was between 20,000 and 35,000 long tons. It then declined sharply, until in the years between 1902 and 1916, the annual production did not surpass 10,000 long tons. But in 1916, the production was 27,000 long tons; in 1917, about 130,000 long tons; and in 1918, about 306,000 long tons.

In 1917, the world's production of tungsten ore was estimated at 28,505 short tons, of which the United States produced 6,144. The production in the United States in 1918 was estimated at 5,041 short tons, valued at $6,802,000.

The grades of the pig iron produced in the United States in 1918 were as follows:—

	Gross Tons
Basic	18,646,000
Bessemer	13,025,000
Foundry	5,143,000
Malleable	1,118,000
Forge	394,000
All others	726,000
Total	39,052,000

The leading states in the production of pig iron in the United States in 1918 were as follows, the figures representing gross tons:—

Pennsylvania	15,198,000
Ohio	8,764,000
Illinois	3,440,000
Indiana and Michigan	3,074,000
New York and New Jersey	2,871,000
Alabama	2,588,000

The classification of the steel produced in the United States in gross tons in 1918 was as follows:—

Bessemer	9,376,236
Open-Hearth	34,459,391
Crucible	115,112
All others	511,693
Total	44,462,432

The 1918 production of steel rails and other steel shapes was as follows:—

	Gross Tons
Iron and steel rails	2,541,000
Plates and sheets	8,790,000
Nail plate	18,000
Wire Rods	2,562,000
Structural shapes	2,850,000
Other finished products	14,385,000
Total	31,155,754

Iron and Steel, manufacturers of, tariff on (Schedule C) vetoed, 7749.
Tariff rates compared, 7750.

Irreconcilables.—The term applied to the thirteen Republican Senators and one Democratic Senator who were irreconcilably opposed to the Treaty of Peace with Germany, including the Covenant of the League of Nations, as submitted to the Senate by President Wilson in 1919. Even after the Republican majority in the Senate had greatly altered the treaty by reservations, the Irreconcilables persisted in their opposition, and joined with the administration Democratic Senators in rejecting the treaty when it finally came to a vote in March, 1920. The Irreconcilables were Borah, of Idaho; Brandegee, of Connecticut; Fernald, of Maine; France, of Maryland; Gronna, of North Dakota; Johnson, of California; Knox, of Pennsylvania; La-Follette, of Wisconsin; McCormick, of Illinois; Moses, of New Hampshire; Norris, of Nebraska; Poindexter, of Washington; Reed (Democrat), of Missouri; Shermau, of Illinois.

"Irreconcilables," attitude of, toward Treaty of Versailles, 8849.

Irredenta.—An Italian word meaning "Unredeemed," and applied to territory occupied by portions of a nationality living under the rule of another race, and denied amalgamation with the remainder of its nationality. For instance, Italia Irredenta was the term applied to that portion of the Austrian Tyrol (Trentino) and of the Istrian Peninsula (See Fiume) which was inhabited by Italians but was not included within the boundaries of Italy until after the World War. Roumania Irredenta signified those portions of Austria-Hungary (Transylvania and Bukowina) inhabited chiefly by Roumanians, but under Austro-Hungarian rule until after the World War.

Irredentism was a movement in Italy after 1878 to redeem not only Italia Irredenta, as described above; but also those portions of Switzerland inhabited partly by Italians, Corsica, Nice and Malta.

Irrepressible Conflict. — An expression first used by William H. Seward in 1858 to denote the seemingly unending controversy between freedom and slavery.

Irrigation.—The ancient practice of increasing the productiveness of the soil by means of an artificial supply of water has been successfully applied to the arid plains of the western part of the United States. The subject became so extensive and important that in 1900 the leading political parties pledged themselves to enact laws looking to the reclamation of arid lands. Up to this time most of the public irrigation work was carried on under the Carey act of 1894, which granted to each of the arid states 1,000,000 acres of desert land on condition of its reclamation.

The following table shows the progress of irrigation in the United States in recent years :—

Year	*Irrigable Acreage*	*Irrigated Acreage*	*Cropped Acreage*	*Crop Value*
1913	1,181,362	694,142	637,227	$15,676,411
1914	1,240,875	761,271	703,424	16,475,517
1915	1,330,222	814,906	757,613	18,164,452
1916	1,405,452	922,821	858,291	32,815,972
1917	1,502,468	1,026,663	966,784	56,462,313
1918	1,601,934	1,119,566	1,051,193	66,821,396

The following table gives the latest figures for the service when completed, service actually irrigated at present, net cost of construction (deducting credits) and crop values of the several primary irrigation projects of the United States :—

State	*Project*	*Acreage Irrigated at Completion*	*Last Report*	*Net Cost to Present*	*Value of Crop Raised*
Arizona	Salt River	192,077	184,727	$10,548,254	$18,188,800
Arizona-California	Yuma	110,000	45,670	9,095,806	5,105,132
California	Orland	20,533	14,764	920,054	709,172
Colorado	Grand Valley	50,000	8,102	3,489,981	414,310
	Uncompahgre	100,000	58,270	6,574,514	3,302,460
Idaho	Boise	327,552	110,000	11,973,276	5,154,646
	King Hill	16,365	1,849	594,440	45,588
	Minidoka	121,392	105,061	5,805,043	5,168,078
Montana	Huntley	32,885	19,262	1,737,865	750,963
	Milk River	181,000	24,843	3,307,187	408,716
	Sun River	174,620	7,569	3,729,075	245,852
Montana-North Dakota	Lower Yellowstone	59,529	21,075	2,893,499	669,191
Nebraska-Wyoming	North Platte	251,715	102,773	10,549,096	3,162,525
Nevada	Newlands	231,000	42,311	6,370,142	1,626,142
New Mexico	Carlsbad	24,991	19,460	1,369,839	1,105,515
New Mexico-Texas	Rio Grande	162,000	64,781	9,100,668	4,237,020
North Dakota	North Dakota Pumping	26,151	.....	711,690	.....
Oregon	Umatilla	36,300	9,100	2,439,732	400,642
Oregon-California	Klamath	141,444	33,268	3,031,341	929,131
So. Dakota	Belle Fourche	97,889	52,445	3,463,267	1,276,115
Utah	Strawberry Vy.	60,000	32,539	3,497,709	1,642,327
Washington	Okanogan	10,099	6,402	892,845	749,982
	Yakima	142,828	111,050	10,300,424	9,729,643
Wyoming	Shoshone	136,616	38,282	6,020,686	1,486,382
Indian Projects under Indian Office—					
Montana	Blackfeet	118,500	3,484	1,044,093	48,190
	Flathead	134,500	27,128	3,675,526	700,182
	Fort Peck	152,000	1,299	703,052	24,284
Wyoming	Riverton	100,000	.....	72,746	.....

Under this law public lands are withdrawn from entry on application of the state. The state may then enter into contract with private companies to build irrigation canals, ditches, reservoirs, etc., the state agreeing to sell the land to settlers who have contracted with the canal builders for a supply of water at prices fixed in the contract with the state.

June 17, 1902, Congress passed the reclamation law, which provided for the construction of irrigation works by the United States Government. The law set aside the receipts from the sale of public lands in Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, and Wyoming, for the construction of irrigation works, under the direction of the Secretary of the Interior. The cost of the works is to be repaid by the settlers, who use the water, in ten annual installments, and when the payments have been made for a majority of the lands included in any project the management and operation of such project are to be turned over to the owners, to be maintained at their expense. The receipts from the sale of land and the use of water are to form a perpetual reclamation fund. Public lands included in reclamation projects may be acquired only under the terms of the homestead law, and the commutation clause of that law does not apply to such lands.

Up to 1909 the Government had selected for reclamation more than two million acres at an estimated cost of nearly $90,000,000. Under the Carey act the states have selected for reclamation and had assigned to them up to July 1, 1908, 3,239,285 acres. Idaho and Wyoming, each having disposed of the 1,000,000 acres allowed them under the law, were granted an additional 1,000,000 acres for the same purpose.

The reclamation service having, however, embarked on various costly enterprises beyond the means of the reclamation fund, Congress was required to pass a new law in 1910 authorizing the issuance of certifi-

cates of indebtedness against the reclamation fund to the amount of $30,000,000, payable from future receipts of the fund.

The Elephant Butte dam in New Mexico, the principal structure of the International and interstate Rio Grande irrigation project, was completed by the Reclamation Service on May 13, 1916. It creates the greatest storage reservoir in the world.

It is 318 feet high, 1,674 feet long on top, and weighs a million tons, and took five years to build. It stores 856 billion gallons of water in a lake 45 miles long with an average depth of 65 feet, and when full, will contain enough water to cover Delaware two feet deep.

The total number of acres affected by the irrigation plans of the Government is in the neighborhood of 3,000,000. On the 30 or so projects with which the Reclamation Service is at present concerned, it has built some 12,000 miles of canals, ditches and drains, including some 90,000 canal structures and involving the excavation of more than 165,000,000 cubic yards of material. About 1,000 storage and diversion dams have been constructed. The total expenditures have been close to $150,000,000. About 30,000 farms are irrigated by the Service and they support about 125,000 persons. The few public lands still available on the projects for settlers are chiefly rough and broken.

Among the principal crops raised on irrigated land in the last year were:—

Crop	*Yield*	*Value*
Alfalfa	1,318,789 tons	$22,720,050
Wheat	3,708,170 bush.	7,164,646
Cotton	60,412,540 lbs.	12,193,480
Potatoes ...	4,503,290 bush.	3,775,503
Apples	97,299,240 lbs.	2,809,129
Sugar Beets.	267,130 tons	2,731,871

See illustrations opposite pages 6732 and 7178.

Irrigation:
Amendments to Act, suggested, 7719.
Arid lands, importance of, 6658. (See also Lands, Arid; and Arid Lands.)
Benefits of, discussed, 7004.
Bonds, issue of, to complete works of, urged, 7463.
Completion of projects urged, 7559.
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Funds available for, application of, 7576.
Monetary problem of, 7532.
National aid recommended for, 6724.
Policy of Government regarding, discussed, 5561, 5640, 6657, 6660, 6724, 7047, 7095.
Importance of forest reserves to, 6908.
Reclamation, means of, discussed, 6658.
Statistics of, 7558.
Storage and use of waters of Rio Grande for, discussed, 5959.

Island No. 10 (Tenn.), Battle of.—About the time of the capture of New Madrid, Mo., Commodore Foote sailed from Cairo, Ill., with a fleet of seven ironclad gunboats, one wooden gunboat, and ten mortar boats to assist Pope in his attack on Island No. 10. March 16, 1862, Foote began a bombardment, which he kept up for many days without effect. Pope in the meantime had dug a canal across the swampy land above New Madrid, so that vessels could pass through to that place without passing the island. Early in April three of the gunboats ran by the batteries of the island under cover of night, and April 7 the Confederates found themselves surrounded by gunboats and transports laden with troops. Nothing remained but to surrender. Three generals, 273 field and company officers, 6,700 privates, 123 heavy guns and 35 field pieces, all of the latest pattern, 7,000 small arms, tents for 12,000 men, immense quantities of provisions and ammunition, hundreds of horses, mules, wagons, harness, etc., were captured. There were no casualties in the Federal army.

Island Pond, Vt., proclamation granting privileges of other ports to, 2859.

Islands. (See Insular Possessions, and the several islands.)

Isle of Pines, political status of, 6739.

Isthmian Canal (see also Panama Canal):
Commission—
Civil Service extended to employees of, 6893.
Records of, to be kept in Washington, 7930.
Report of, 6938.
Work of, 6718, 6806, 6816, 6938.
Convention, text of, 6816.
Employees—
Civil Service extended to, 6893.
Salaries and classes of, 6894.
Expenditures for, 6730.
Provided for, 6718, 6816.
Route across Colombia determined upon, 6806.
Treaty with Colombia for route of, 6740, 6806, 6809.

Isthmus of Panama, revolution on, 6747. (See also Panama and Colombia.)

Istria.—A peninsula extending from Trieste and Fiume into the northeast Adriatic Sea. Before 1919, it was a part of Austria. The area was 1,914 square miles, and the population, according to the census of 1910, was 403,566. This census showed 43½% of the population speaking Croatian and 38% speaking Italian. The Italian population lives chiefly along the west coast of the peninsula, but by the secret pact of London between Italy, France and Great Britain by which Italy entered the World War, Italy was to obtain territory on the Istrian Peninsula beyond that inhabited chiefly by the Italian nationality. The resulting international difficulties after the World War are discussed by President Wilson on pages 8702-8708, 8789 and 8830-9. After the World War, the Austrian rights to the Istrian Peninsula were taken over by Jugo-Slavia, as practically all of the inhabitants who are not Italians are Jugo-Slavs.

Istrian Peninsula. (See Fiume.)

Italia Irredenta.—(Unredeemed Italy.) That portion of the Southern Tyrol (Tren-

tino) and the Istrian Peninsula where the Italian nationality was in the majority, but which was in the hands of Austria until the end of the World War. This limitation of the term is that which accords with the principle of nationality, but the term is also often applied beyond the limitations of nationality to include portions of the Austrian Tyrol, the Istrian Peninsula, Dalmatia and Adriatic islands where the Italian nationality is not in the ascendancy, but which are desired by Italy. Italy entered the World War by virtue of a secret agreement with France and Great Britain by which Italy was to obtain not only Italia Irredenta in the first sense, but also much of Italia Irredenta in the second sense. (See also Irredenta; Istria.)

Italian Murder. (See New Orleans Massacre.)

Italian Somaliland.—An Italian colony and protectorate on the coast of the Indian Ocean in eastern Africa. It is bounded on the north by British Somaliland and the Gulf of Aden; on the west, by Abyssinia and British East Africa. The area is 139,430 square miles and the population is about 450,000. The principal occupations are the raising of cattle (also camels) and agriculture. The latest figures show annual imports of $750,000 and exports of $1,100,000.

Italy.—Italy is a maritime kingdom of Southern Europe and consists of a peninsula and several islands, the whole being situated between 36° 38′ 30″-46° 40′ 30″ N. latitude and 6° 30′-18° 30′ E. longitude. Of the total area of 110,632 English square miles, 91,277 square miles are mainland and 19,346, islands. The kingdom is bounded on the north by the Alps and by Austria, on the east by Jugo-Slavia and the Adriatic Sea, on the south by the Mediterranean and the west by the Tyrrhenian Sea (Mediterranean) and France. The greatest length is close to 750 miles and the distance between the northwestern and the northeastern boundaries is about 350 miles, although the peninsula of Italy proper is generally less than 150 miles wide.

Physical Features.—Northern Italy is encompassed by the Alps, which extend, in an irregular semicircle, from the Austro-Hungarian border in the northeast to the Franco-Italian border in the northwest, the intervening boundary being common to Switzerland and Italy. The northwestern horn extends southward and forms the Apennine Range, which stretches down the center of the peninsula to Cape Spartimento, in the extreme south. West of the southern Apennines is a chain of volcanic heights, including the cone of Vesuvius (4,206 feet), which rises from the Campagna of Naples, near which place stand the ruins of Herculaneum, Pompeii and Stabiae, overwhelmed by an eruption of the volcano in A.D. 79. Between the Alps and the Ligurian-Etruscan Apennines is a great plain, forming the basin of the river Po, and from the center of the plain, at Piacenza, the Via Æmilia (built early in the second century B.C.) runs southeast to Rimini (Ariminium), where it joins the Via Flaminia which leads to Rome. The only great river of Italy is the Po, which rises in the Alps and flows eastward into the Adriatic. The Italian islands number sixty-six, and include the large islands of Sicily and Sardinia, and the smaller island of Elba, with Capraia, Gorgona, Pianosa, Monte Cristo. Sicily contains the highest of European volcanoes in Mount Etna or Mongibello (10,870 feet) in the northeast. The regions of the north have hot summers and cold winters, while central Italy is generally sunny and genial, and the southern districts almost tropical.

Italy is also in temporary occupation of a group of Turkish islands lying between Crete and Asia Minor (Rhodes, Carpathos, Cos, Astropalia, etc.) until such time as the Ottoman troops have been removed from Tripoli and Benghazi.

AREA AND POPULATION.

Compartments	Area, Sq. Mi.	Population 1911	Population Last Estimate
Piedmont ..	11,331	3,424,450	3,600,000
Liguria	2,038	1,197,231	1,300,000
Lombardy ..	9,333	4,790,473	5,200,000
Venetia	9,463	3,527,360	3,900,000
Emilia	8,042	2,681,201	2,950,000
Tuscany	9,302	2,694,706	2,875,000
Marches ...	3,741	1,093,253	1,170,000
Umbria (Perugia) ...	3,770	686,596	725,000
Latium (Roma) ..	4,664	1,302,423	1,475,000
Abruzzi Molise	6,387	1,430,706	1,525,000
Campania ..	6,277	3,160,448	3,450,000
Apulia	7,376	2,130,151	2,330,000
Basilicata (Potenza).	3,855	474,021	495,000
Calabria	5,819	1,402,151	1,525,000
Sicily	9,935	3,672,258	3,900,000
Sardinia	9,299	852,407	915,000
Total 110,632		34,671,377	37,335,000
*War Acquisitions**—			
Trentino* ..	4,000*	.....	450,000*
Istria*	2,750*	.....	800,000*
Dalmatia and Islands* ..	1,250*	.....	185,000*

*By the terms of peace of the World War, Italy acquires much of the former Austrian provinces of Tyrol (Trentino) and Kustenland (Istrian Peninsula) and the northwestern portion of Dalmatia and many of the islands in the Adriatic opposite the last two acquisitions. But the exact boundaries of the new territory thus gained were not agreed upon until many months after the close of the War, those concerning Istria and Dalmatia in particular being the subject of bitter and difficult negotiations between Italy and Jugo-Slavia, with France, Great Britain and the United States trying to arrange a satisfactory settlement. The above figures represent a careful estimate of the new territory and population Italy acquires.

The population of Italy proper is remarkably homogeneous, although Italy includes some 85,000 French along the Franco-Italian border. The acquisition of new territory as a result of the World War places several hundred thousand Austro-Germans under Italian rule in the Trentino and probably but a slightly smaller number of Slavs and Albanians and Greeks under Italian rule along the east coast of the Adriatic.

History.—Until the end of the fifth century, A. D., the known ancient history of Italy is the history of Rome. With the fall of the Roman Empire of the West before the Goths in the fifth century, Italian history becomes the history of a number of separate states until the cohesion of

Italian nationality in the nineteenth century. Until the latter consummation, well was Italy called a mere "geographical expression."

In the sixth century, the Goths were driven out of Italy by Byzantine help, but they were soon replaced by the Lombards. In the seventh and eighth centuries, the Pope called in the Francs to expel the Lombards, and by the end of the eighth century, the Pope and the Francs held the upper hand in Italy. Italy became a part of the empire of Charlemagne, and the temporal power of the Pope saw its crystallization in the grant of a large section of territory in north central Italy to him. Italy then fell apart into many petty kingdoms and states, until the tenth century saw it a part of the Holy Roman Empire. In the twelve century, the Normans drove out most of the Lombards and the Byzantines in the south. By this time, the power of the Pope was growing, but so was the strength of the city states, and for centuries the land was rent by bitter civil wars. Despots ruled everywhere. But by the fifteenth century, the extension of commerce had brought some semblance of peace, the revival of learning swept the country, the medieval system began to disappear and prosperity set in.

From the close of the fifteenth century to the middle of the nineteenth, Italy was at the mercy of foreign invasions. France and Spain used it as a pawn in their international contests, and at the beginning of the nineteenth century, most of northern Italy was in the power of Austria-Hungary.

The modern kingdom of Italy is composed of the former State of Sardinia and of the two Sicilies, the Pontifical States, the Lombardo-Venetian provinces of the Austrian Empire, the Grand Duchy of Tuscany, and the Duchies of Parma and Modena, united under the House of Savoy after a heroic struggle between the years 1848 and 1870. Italian unity was completed in 1866, when the Austrians evacuated Lombardy, and in 1870 by the withdrawal of French troops from the Papal States. In 1872 the King (Victor Emmanuel II.) entered Rome, which was declared the capital of Italy. The compartments are subdivided into sixty-nine provinces. The inhabitants, particularly in the south, are derived from a mixture of racial elements, and there is evidence of the diversity of origin in the contrast between the industrious and stable people of the north and center and the less industrious and more excitable southerners.

After the Franco-Prussian War, Italy formally entered into an alliance with Germany and Austria-Hungary; but as the developments of the World War proved, that alliance existed chiefly on paper. In fact, Italy had an understanding with France, and tried to preserve a balance between the two rival camps of the Entente and the Alliance. In 1911, Italy declared war on Turkey with the successful purpose of gaining some Turkish African territory on the southern shore of the Mediterranean; and the close of the War in 1912 saw Tripoli incorporated within Italy.

The other field dearly cherished by Italy for expansion was Italia Irredenta (q. v.) and the eastern shore of the Adriatic. When the World War broke out in 1914, Italy accordingly proclaimed her neutrality, and opened negotiations looking for the acquisition of this territory. The Entente was naturally in a position to promise more than the Central Powers, since the territory desired by Italy was under the flag of Austria-Hungary, one of the latter; and therefore Italy entered the war on the side of the Entente in 1915. Italy's war efforts were concerned entirely with a campaign to seize the Adriatic territory desired by her, but a crushing defeat in 1917 dimmed the Italian hopes until the very end of the war, when the Austro-Hungarian forces in Italy were driven back to their own territory. For the acquisitions of territory falling to Italy as a result of the war, see above.

After the war, Italy was rent by internal dissensions of a very serious nature. The Socialists obtained about 35% of the representation in the Chamber of Deputies, and most of the Italian Socialists are of the radical, or Bolshevist, type. In addition, the syndicalists were strong in Italy, and the political efforts of the radicals were supported by radical economic and industrial demonstrations, particularly local and general strikes. The radicals were aided by the comparative poverty of Italy, considered as one of the great Powers.

Government.—The government is that of a constitutional monarchy, founded upon the *Statuto fondamentale del Regno*, granted to his subjects on March 4, 1848, by the King of Sardinia, and since extended to the whole Kingdom of Italy. The crown is hereditary in the male line (by primogeniture) of the House of Savoy, founded in 1032 by Umbertus I. Present ruler: His Majesty Vittorio Emmanuele III., King of Italy born at Naples, Nov. 11, 1869, son of King Humbert, succeeded to the throne, July 29, 1900.

The Legislature consists of two Houses, the Senate and the Chamber of Deputies. The Senate is composed of Princes of the Blood of full age and of members nominated for life by the Sovereign from twenty-one classes, public service being the principal qualification; the total membership in 1920 was 383. The Chamber of Deputies contains 508 members, elected for single constituencies, for a maximum of five years, elected by practically universal suffrage.

The Executive Power of the King is exercised through a Cabinet, which in practice resigns when it can no longer command the support of the House of Deputies. The King has the power to dissolve the latter, but must then at once order new elections. Salaried Government officials and also priests are ineligible for the Chamber of Deputies, and army and navy officers and other high public servants are limited to a membership of forty therein. Either House may originate legislation, but money bills must originate in the lower House. The normal life of a Parliament is five years.

The most recent general elections returned 156 Socialists, 100 Catholics, 161 Liberals, 16 Reformist Socialists, 23 Democrats, 9 Republicans and 31 Miscellaneous.

The highest courts are the Courts of Cassation at Rome, Naples, Palermo, Turin and Florence, and twenty-four Courts of Appeal throughout the kingdom. Lower courts are the 162 district tribunals, 1,535 mandamenti, and thirteen municipal courts under pretori.

Education.—The law of July, 1904, imposing special disabilities on the illiterate, has afforded a needed stimulus. Prior to that date 49 per cent. of the population

over the age of twenty were thus classed. Primary education is maintained by local taxation, with State grants. Private establishments must conform to the State curriculum. Universities: Bologna, Cagliari, Catania, Genoa, Macerata, Messina, Modena, Naples, Padua, Palermo, Parma, Pavia, Pisa, Rome, Sassari, Siena, and Turin. Many of these are of very ancient foundation (*e. g.*), Bologna (A. D. 1200), Camerino, Ferrara, Perugia, Urbino.

The latest figures show 5,455 infant schools, with 500,705 pupils; 100,105 lower public elementary schools, with 3,167,245 pupils; 20,091 higher public elementary schools, with 524,779 pupils; 6,534 private elementary schools, with 148,081 pupils; 4,783 evening elementary schools, with 182,373 pupils; 1,246 Government secondary schools, with 275,438 pupils; and 681 private secondary schools, with 27,887 pupils. In 1918, there were also 35 agricultural schools, with 1,198 pupils, 3 mining schools, 103 industrial schools (23,842), 273 design and moulding schools (24,386), 44 professional schools for girls (9,103) and a number of commercial and fine arts schools.

Nominally, the Roman Catholic religion, to which 95% of the people belong, is the state religion, but the power of the Church and the clergy is subordinate to the civil power.

Production.—Of the total area of 70,811,000 acres, 51,309,310 are under crops and 11,272,339 are forest land. Tilled land represents 49% of the whole; pasture, 28%; vineyards and orchards, 6%; and waste land, 8%. The three most common systems of agriculture are those of peasant proprietorship, most common in Piedmont and Liguria, but found in many other parts; partnership between proprietor and cultivator, most common in Tuscany, the Marches and Umbria, seldom found in Basilicata, Apulia, Calabria, Sardinia and the provinces of Barese and Naples in the south; and rent, chiefly in Lombardy and Venetia. The land is generally much subdivided.

Silk culture flourishes most extensively in Lombardy, Piedmont and Venetia, but is prevalent all over Italy. The last annual silk cocoon crop was about 30,000 short tons. The latest figures showed 2,081 establishments connected with the silk industry, of which 200 were devoted to the culture of silkworm eggs and 169 to weaving, with 1,703 to spinning.

Latest figures show 34 sugar factories, with an annual output of 92,624 tons. The latest figures for the acreage and yield of the principal crops are as follows:—

Crop	*Acreage*	*Yield, Cwts.*
Wheat	10,914,250	99,776,000
Maize	3,598,000	38,798,000
Potatoes	747,250	28,198,000[1]
Sugar Beets	107,000	22,920,000[1]
Vines	7,261,000	1,237,632[2]
Olives	5,750,000	45,012[2]
Oats	1,228,525	13,166,000
Rice	346,000	10,470,000
Barley	483,500	4,218,000
Rye	273,000	2,658,000
Beans	1,077,000	8,362,000

[1] Tons; [2] Thousand gallons.

The mining industry is most highly developed in Sicily, Tuscany, Sardinia, Lombardy and Piedmont. The last figures for the annual production are as follows:—

Ores, etc.	*Yield, Tons*	*Value*
Mineral Fuel	1,722,157	$16,776,200
Sulphur	230,074	14,516,000
Iron	993,825	7,418,000
Zinc	79,453	3,990,000
Lead	39,896	3,725,000
Mercury	1,071	3,975,000
Iron and cuprous pyrites	500,782	4,820,000
Total		$60,000,000

Between 55,000 and 60,000 workers are employed in the mines. The annual value of the quarry output is about $12,200,000. About 47,000 workers are employed in the quarries. About 27,000 vessels and boats, of a tonnage of 70,000, and 165,000 persons are employed in fishing, including coral-fishing. The last fishing catch was estimated at $4,000,000 in value.

The census of 1911 showed 243,926 factories, with 2,304,438 employees. As a rule, the wages are extremely low. There is a large automobile industry.

Communications. — Latest figures show 11,722 miles of railway, of which 8,754 are Governmental. There are 11,228 post-offices. There are 34,122 miles of telegraph and 224,607 miles of wire. There are 8,980 telegraph offices, of which 6,994 belong to the Governmental system. The telephone service is also Governmental, there being about 105,000 subscribers.

Finance.—There is no national bank, but the three banks of issue are the Banco d'Italia, the Banco di Napoli and the Banco di Sicilia. The latest figures show these three banks with assets of $6,000,000,000. There are about $700,000,000 in the savings banks and $540,000,000 in the postal savings banks, with $450,000,000 in the co-operative credit and ordinary credit companies. The annual revenue and expenditure in the years after the World War were about $1,000,000,000, according to the estimates. The latest figures for the public debt placed it at $11,000,000,000.

The unit of value is the lira, equal in normal times to $.193 in United States money. This exchange value has been used in the above figures.

The most recent figures for the foreign trade[1] of Italy are as follows:—

Country	*Imports*	*Exports*
United States.	$1,245,349,000[2]	$ 25,514,000[2]
United Kingdom	432,924,000	111,876,000
France	205,373,000	180,531,000
Argentina	298,729,000	20,000,000
British Asia	232,849,000	7,000,000
Germany (1914)	100,000,000	63,000,000
Russia (1913)	47,000,000	12,000,000
Austria-Hungary (1914)	46,000,000	39,000,000
Switzerland	31,000,000	57,000,000
Total	$2,820,000,000	$500,000,000

[1] Excluding the precious metals. [2] Valuing the lira at $.20.

For a later year than that of the preceding table, Italy imported from the United States goods valued at $398,066,000 and exported to the United States goods valued at $92,420,000.

The chief imports, in rank of value, are wheat, iron and steel manufactures, coal and coke, raw cotton, wool and woolen goods. The chief exports, in rank of value, are raw silk, wines, cotton manufactures, silk manufactures, raw hemp.

Cities.—Capital, Rome, on the River Tiber. Population (1912), 579,285. More than a dozen cities have a population ranging between 100,000 and 700,000.

TIENTSIN CONCESSION.—After the Boxer movement in China (1900) and the siege and relief of the Foreign Legations, the Italian Government claimed from the Chinese a concession of land, which was accorded by treaty of June 7, 1902. The concession has a total area of twenty square miles fronting the river Peiho on the left bank, with a total population of about 17,000 natives.

Italy:
American citizens impressed into service of, and punished by, 5673.
American College at Rome, threatened confiscation of, by, 4801.
American sailor alleged to have been killed in Genoa, 5769.
Annexation of States of the Church to, referred to, 4098.
Citizens of, killed by mob in Mississippi, reparation for, 6731.
Claims of, against Colombia and arbitration of President of United States in, 6328.
Claims of United States against Naples, 556, 598, 867, 1109, 1112, 1157.
Extension of time allowed commissioners for settlement of, recommended, 1267.
Confederate envoys sent to Great Britain and France, referred to. (See Mason and Slidell.)
Consular convention with, 3800, 4436, 4448, 4588, 4626.
Expiration of, discussed, 4418.
Consular jurisdiction, treaty respecting, 3896.
Consuls of United States in, interference of, in difficulty in, referred to, 3826.
Copyright privilege extended by proclamation, 5736.
Referred to, 5752.
Diplomatic relations with, discussed, 4715.
Expositions of, semi-centennial, participation in, 7446.
Fiume and aspirations of, discussed, 8703, 8789, 8830-8839.
Frontiers of, readjustment of, discussed, 8424, 8703, 8789, 8830.
Fugitive criminals, convention with, for surrender of, 3828, 3888, 3896, 4806.
Referred to, 5546, 5959.
International meridian conference, invitation to United States to attend, 5546.
King of, congratulations to and from, on armistice of World War, 8623, 8624.
Minister of, to United States, title of ambassador conferred upon, 5874.
Minister of United States to Naples, 557.
Minister of United States to, title of ambassador conferred upon, 5874.
Occupation of Rome by King of, referred to, 4085.
Postal convention with, 3775.
Revolution in Papal States of, 2551.
Subjects of, lynched in—
Colorado discussed and recommendations regarding, 6065, 6096.
New Orleans, 5617.
Indemnity for, paid by United States, 5751, 6459, 6461.
Trade-marks, treaty with, regarding, 4789.
Treaties, secret, between France Great Britain and, discussed, 8703, 8830, 8836-9.
Treaty with, transmitted and discussed, 3800, 3828, 3888, 3896, 4082, 4098, 4806.
United States and, ties between, 8661, 8705.
Vessels of, discriminating duties on, dominions of the Pope suspended, 942, 3022.
Wilson, President, in, 8661-8663.

Italy, Treaties with.—(For the extradition treaty of 1868, see Extradition Treaties.)—A treaty of commerce and navigation of 1871 provides for freedom of commerce and navigation, liberty to trade and travel, and secures the rights and privileges of the citizens of the one country within the dominions of the other. The importation, exportation and re-exportation of goods is permitted within the countries upon equal terms regardless of the nationality of the carrying vessels, and without the imposition of discriminating, higher, or other duties than those imposed upon other nations. Tonnage, anchorage, and clearance duties shall not be levied upon: Vessels entering and leaving a port in ballast; vessels passing from one to another port of the same country to discharge a part of a cargo, when proof can be furnished that such charges have already been paid at one of the ports; vessels driven to seek shelter in port by stress of weather, and which do not discharge the whole or a part of the cargo. Humane treatment is to be accorded in cases of shipwreck.

The principle that in time of war free ships make free goods, is observed between the nations. In case of the blockading of a port in either country in time of war, a vessel of the other nation shall not be regarded as liable to capture on its first attempt to enter, but shall be if the attempt is persisted in. Articles used in warfare on land and sea, munitions of war, arms, and military equipment are contraband of war. Provision is made for the examination of ship's papers and search with as little detention and embarrassment as possible. Citizens in the dominions of the other have all rights of disposal of property by sale, testament, gift, or other-

wise. (For consular convention of 1878, see Consular Conventions.)

In 1900 a reciprocal commercial arrangement was made by which concessions, principally in wines, wine products, and works of art, were made in import duties by the United States; and concessions, principally in cottonseed oil, fish, machinery, etc., were made by Italy, by which lower import duties were imposed for the encouragement of trade in these articles between the two countries. Mutual protection of trademarks in Morocco and China was agreed to by exchange of notes in 1903 and 1905 respectively. (See also Extradition Treaties.)

Itata, The, seizure of, by United States for violation of neutrality laws discussed, 5618. (See also *Baltimore*, The.)

Iuka (Miss.), Battle of.—The transfer of Gen. Pope to Virginia and Gen. Halleck to Washington in the summer of 1862 left Grant in command of the Army of the Tennessee with headquarters at Corinth, Miss. Halleck ordered most of the Army of the Tennessee to be placed under Buell's command, leaving Grant's force on the defensive and harassed by the Confederates under Van Dorn and Price. Sept. 13, 1862, Price advanced from the south and seized Iuka, a village in northeast Mississippi, twenty-one miles east of Corinth. Van Dorn was then only four days off to the southwest, threatening Corinth. Gen. Rosecrans, with 9,000 men, was ordered to attack Price from the south and Gen. Ord, with 8,000, was to attack from the north. The two armies failed to co-operate, and Price attacked Rosecrans Sept. 19. The latter kept his ground, but lost a battery of artillery, besides 736 men killed and wounded. Darkness put an end to the fight.

Ivory Coast. (See French West Africa.)

I. W. W. (See Industrial Workers of the World.)

Jackson, Andrew.—1829-1837.

(FIRST TERM, 1829-1833).

Eleventh Administration—Democratic.

Vice-President—John C. Calhoun.

Secretary of State—
Martin Van Buren.
Edward Livingston.

Secretary of the Treasury—
Samuel D. Ingham.
Louis McLane.

Secretary of War—
John H. Eaton.
Lewis Cass.

Secretary of the Navy—
John Branch.
Levi Woodbury.

Attorney-General—
John McP. Berrien.
Roger B. Taney.

Postmaster-General—
William T. Barry.

Nomination.—Andrew Jackson was elected by the Democrats in the election of 1828. In his contest against John Quincy Adams in 1824, Jackson received the plurality of both the popular and electoral votes, and yet failed of election by the House. His friends were much embittered by the result and began to work for his election immediately after the inauguration of President Adams. The candidates were chosen by common consent, the legislatures of the states having made a choice and endorsed the candidates. Jackson's name was presented by the legislature of Tennessee, and Van Buren brought Crawford's friends to Jackson's support. John Quincy Adams was nominated by legislatures and mass-meetings, and he was the candidate of the National Republicans.

Vote.—Twenty-four states took part in the election, which was held Nov. 4. The popular vote gave Jackson 647,231 votes, and Adams 509,097. The electoral vote, counted Feb. 11, 1829, gave Jackson 178 votes, and Adams 83. John C. Calhoun received 171 electoral votes for Vice-President against 83 for Richard Rush.

Opposition.—At its second meeting, at Baltimore, Sept. 26, 1831, the Anti-Masonic party was attended by 112 delegates, who nominated William Wirt for President and Amos Ellmaker for Vice-President. The National Republican Convention met at Baltimore, Dec. 12, 1831, with 157 delegates, and nominated Henry Clay for the Presidency. The Democratic Convention met at Baltimore, March 22, 1832, with 283 delegates, who endorsed Jackson's candidacy unanimously and nominated Martin Van Buren for Vice-President. The two-thirds rule, which has always obtained at Democratic conventions, was adopted at this convention.

(SECOND TERM, 1833-1837).

Twelfth Administration—Democratic.

Vice-President—Martin Van Buren.

Secretary of State—
Louis McLane.
John Forsyth.

Secretary of the Treasury—
Louis McLane.
William J. Duane.
Roger B. Taney.
Levi Woodbury.

Secretary of War—
Lewis Cass.

Secretary of the Navy—
Levi Woodbury.
Mahlon Dickerson.

Postmaster-General—
William T. Barry.
Amos Kendall.

Attorney-General—
Roger B. Taney.
Benjamin F. Butler.

SECOND TERM — Vote. — Twenty-four states took part in the election, which was held Nov. 6, 1832. The popular vote stood: Jackson, 687,502; and Clay, 530,189. The electoral vote, counted Feb. 13, 1833, gave Jackson 219; Clay, 49; Floyd, 11; and Wirt, 7.

Party Affiliation.—Jackson was the single representative to Congress from Tennessee upon its admission in 1796. As a representative he steadfastly opposed Washington's administration and the Federalists. He was one of the twelve who voted against the address to Washington approving of his administration; he opposed the Jay treaty with Great Britain; and Hamilton's financial policy. He was elected as a Democrat and this name was given to the Republican party in 1828 by his followers.

Political Complexion of Congress.—In the Twenty-first Congress (1829-1831) the Senate, of 48 members, was composed of 38 Democrats and 10 Whigs; and the House, of 213 members, was made up of 142 Democrats and 71 Whigs. In the Twenty-second Congress (1831-1833) the Senate, of 48 members, was composed of 35 Democrats and 13 Whigs; and the House, of 213 members, was made up of 130 Democrats and 83 Whigs. In the Twenty-third Congress (1833-1835) the Senate, of 48 members, was composed of 30 Democrats and 18 Whigs; and the House, of 240 members, was made up of 147 Democrats and 93 Whigs. In the Twenty-fourth Congress (1835-1837) the Senate, of 52 members, was composed of 33 Democrats and 19 Whigs; and the House, of 242 members, was made up of 144 Democrats and 98 Whigs.

Civil Service.—In the several administrations which preceded that of Jackson, public office was regarded as a public trust, and not a reward for political or party service. The total number of removals from office between the years 1789 and 1829 were only seventy-four. From March 4, 1829, to March 22, 1830, the changes in the civil service numbered about 2,000. This policy took the name of the "spoils system" from an utterance in the Senate, in 1831, by Senator Marcy of New York, to the effect that "to the victors belong the spoils." In his First Annual Message (page 1012) President Jackson discusses the office-holder and says: "Offices were not established to give support to particular men at the public expense. No individual wrong is, therefore, done by removal. The incumbent became an officer with a view to public benefits, and when these require his removal they are not to be sacrificed to private interests. It is the people, and they alone, who have a right to complain when a bad officer is substituted for a good one. He who is removed has the same means of obtaining a living that are enjoyed by the millions who never held office." In the same message, the President recommends that the tenure of office be limited to four years in a greater number of cases than the law to that effect passed in 1820 covered. One of the most curious effects of this system was the struggle for patronage between Calhoun and Van Buren that followed.

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT JACKSON, 1829-1837.

(NOT INCLUDING TERRITORIES)

FLAG OF 1837

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Tariff.—The tariff of 1828, known from its unfairness as the "tariff of abominations," was modified by the tariff act of 1832, which was designed to remedy the injustice of that of 1828. It failed, however, to satisfy the people of the South, and for some time there was talk of nullification. While Jackson was on principle opposed to protective tariffs, he was most determined to preserve the Union. South Carolina in convention of its citizens at Columbia, Nov. 19, 1832, declared the tariff acts of 1828 and 1832 null and void; officers were sworn to act in accordance with this edict; and threats were made of secession if the Federal authorities attempted to enforce the tariff laws in that state. (See Nullification.) This ordinance was to take effect Feb. 1, 1833, and to be enforced, if necessary, by an appeal to arms. Dec. 16, President Jackson issued his famous nullification message (page 1173) in which he reviews at length the whole question and closes a most forceful exposition of Federal and State Rights with these words: " . . . . and I fervently pray that the Great Ruler of Nations may so guide your deliberations and our joint measures as that they may prove salutary examples not only to the present but to future times, and solemnly proclaim that the Constitution and the laws are supreme and the Union indissoluble." Then followed, Dec. 10, 1832, his equally famous nullification Proclamation in which (page 1206) he says: "I consider then the power to annul a law of the United States assumed by one State, incompatible with the existence of the Union, contradicted expressly by the letter of the Constitution, unauthorized by its spirit, inconsistent with every principle upon which it is founded, and destructive of the great object for which it was formed." South Carolina deferred action; and the tariff act of March 2, 1833, known as the "Clay's Compromise Act," was passed. It provided that in all cases where the tariff on imported goods exceeded twenty per cent of the value of such goods, a gradual reduction should be made of such excess in the following ratio and manner: one-tenth of such excess after Dec. 31, 1833; another tenth after Dec. 31, 1835; another tenth after Dec. 31, 1837; another tenth after Dec. 31, 1839; one-half the residue of such excess after Dec. 31, 1841; and all of the residue of such excess after Dec. 31, 1842. Speaking of the effect of this compromise upon the revenue of the country, the President, in his Fifth Annual Message (page 1247), said: "The changes made in our revenue system by the acts of Congress of 1832 and 1833, and more especially by the former, have swelled the receipts of the present year far beyond the amount to be expected in future years upon the reduced tariff of duties. . . . . I cannot, therefore, recommend to you any alteration in the present tariff of duties; the rate as now fixed by law on the various articles was adopted at the last session of Congress, as a matter of compromises, with unusual unanimity, and unless it is found to produce more than the necessities of the Government call for, there would seem to be no reason at this time to justify a change." In his Eighth Annual Message (page 1459) President Jackson discusses at length the revenue system and the various means of disposing of surplus revenue. "The safest and best mode," he says, "of obviating all of the difficulties which have been mentioned, is to collect only revenue enough to meet the wants of the Government, and let the people keep the balance of their property in their own hands to be used for their own profit."

Public Debt.—The public debt of the United States during the administration of President Jackson stood as follows: Jan. 1, 1830, $48,565,406.50; 1831, $39,-103,191.68; 1832, $24,322,235.18; 1833, $7,001,698.83; 1834, $4,760,082.08; 1835, $37,513.05; 1837, $336,957.83; 1838, $3,-308,124.07.

In his Seventh Annual Message (page 1379) President Jackson said: "Since my last annual communication all the remains of the public debt have been redeemed, or money has been placed in deposit for this purpose whenever the creditors choose to receive it."

Finance.—President Jackson as a strict constructionist was opposed to national banks. In his First Annual Message (page 1025) he began his attack upon the United States Bank, and followed it up most persistently, even to the length of vetoing the bill renewing its charter of 1832. He said: "Both the constitutionality and the expediency of the law creating this bank are well questioned by a large portion of our fellow-citizens, and it must be admitted by all that it has failed in the great end of establishing a uniform and sound currency." The matter was drawn into politics by Clay and it formed an important issue in the election of 1832. In his Fifth Annual Message, the President (page 1250) casts doubts upon the solvency of the bank and suggests the appointment of a committee to investigate. Congress investigated and reported favorably to the bank as a safe repositary for Government funds. The President made up his mind that the deposits should be withdrawn. Secretary McLane, of the Treasury, was unwilling to give the order, and he was transferred to the State Department and his place was filled by William J. Duane, who was satisfied that the removal of the funds was neither wise nor necessary, and refused either to give the order or to resign. Duane was removed in September and his place was filled during recess by Roger B. Taney, who ordered that after Oct. 1 deposits should be made in certain State banks and not in the United States Bank. A resolution of censure of the President was, after long debate, carried by Clay in the Senate; but a few weeks before Jackson's retirement from office the resolution was expunged. In the President's Farewell Address (page 1511) he devotes a great deal of attention to the currency, condemning the use of paper money. He says: "The Constitution of the United States unquestionably intended to secure to the people a circulating medium of gold and silver. But the establishment of a national bank by Congress, with the privilege of issuing paper money receivable in the payment of public dues, and the unfortunate course of legislation in the several States upon the same subject, drove from general circulation the constitutional currency and substituted one of paper in its place."

Foreign Policy.—The President expresses the policy of his administration in his Fourth Annual Message (page 1159) in these words: "Our best wishes on all occasions, our good offices when required, will be afforded to promote the domestic tranquillity and foreign peace of all nations with whom we have any intercourse. Any intervention in their affairs further than this, even by the expression of an official opinion, is contrary to our principles of international policy, and will always be

avoided." In his Second Inaugural Address (page 1222) he says: "To do justice to all and to submit to wrong from none has been during my administration its governing maxim, and so happy have been its results that we are not only at peace with all the world, but have few cases of controversy, and these of minor importance remaining unadjusted." Great credit was given to the Jackson administration for the enforcement of the French spoliation claims, an account of which is given in the President's Seventh Annual Message (page 1371). European nations found no difficulty in settling their claims against France soon after the peace of 1815; but the claims of the United States were treated with supercilious silence. A treaty was made with France in settlement of these in 1831, by which France obligated herself to pay $5,000,000 in six annual instalments, beginning Feb. 2, 1833. A draft was presented but payment was refused, on the plea that no appropriation had been made. President Jackson, in a message to Congress in December, 1834, advised Congress to direct that French vessels to the value of the amount be captured. The French government threatened war should the President not apologize. Great Britain interposed and advised France to settle quickly, which she did. The moral effect of the course taken by President Jackson was very great in demonstrating that the time had passed when the United States could be insulted with impunity.

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Jackson (Miss.), Battle of.—After the engagement at Raymond, McPherson's column proceeded toward Jackson by way of Clinton, where it destroyed a portion of the railroad to prevent the sending of supplies from the east to Vicksburg. Sherman moved along the Raymond road. May 14, 1863, when within two miles of Jackson, both columns met the Confederates whom Gen. Joseph E. Johnston had been collecting in order to reenforce Pemberton at Vicksburg. The combined corps of Sherman and McPherson attacked the small force of Johnston and drove it through Jackson and toward Canton, taking some prisoners. The Union loss was 300. The Confederate loss was 845.

Jails. (See Imprisonment.)

Jamaica.—The largest island of the British West Indies. It is a crown colony, with the Turks and Caicos Islands, the Cayman Islands, Morant Cays and Pedro Keys attached to it as dependencies. It lies in the Caribbean Sea south of the eastern end of Cuba and west of the southern portion of Haiti. Its area is 4,207 square miles and the area of its dependencies is 224 square miles. The last census showed the population as 831,383, with the females predominating. Of this number, 15,605 were whites. The latest estimate is 900,000. It was taken by the British in 1655 and British possession was confirmed by the Treaty of Madrid in 1670. The capital is Kingston, with a population of about 60,000.

Of recent years the budget has been in the neighborhood of $5,000,000 annually. The latest figures show annual imports of $15,000,000 and exports of $12,000,000. The imports come chiefly from the United States, but the exports go chiefly to the United Kingdom. The most recent figures show annual imports into Jamaica from the United States of $11,105,525 and exports from Jamaica to the United States of $5,173,204. The chief imports are flour, cotton goods and fish. The chief exports are sugar, logwood extract, bananas, cocoanuts, logwood, coffee, cocoa and rum.

There are about 200 miles of railroad, 2,230 main roads, 1,115 miles of telegraph, 865 miles of telephone line.

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Jamestown (Va.), Battle of.—Early in 1781 Virginia became the chief theater of the operations of the British and American armies. Benedict Arnold, having turned traitor to his country, was sent by Clinton, with 1,600 men, to the James River with orders to lay waste the country and destroy the stores at Richmond. Washington ordered Lafayette, with 1,200 light infantry, to capture Arnold. Lafayette arrived at Richmond April 29, just in time to witness the burning of the extensive tobacco warehouses at Manchester, on the opposite side of the river, by Gen. Phillips, who had succeeded Arnold. Phillips had 2,000 men. Cornwallis abandoned his unprofitable campaign in the Carolinas and reached Petersburg, Va., May 20, 1781, having nearly 8,000 men. Lafayette, realizing his inability to hold Richmond against this large force, returned northward to the Rappahannock. Here he was joined June 7 by Gen. Wayne with about 800 Continentals. Returning, Lafayette formed a juncture with Steuben June 18, augmenting his force to about 4,000 men. Eluding Tarleton's command, he pursued Cornwallis back toward Richmond, which place the latter evacuated June 20, retiring toward Jamestown. July 6 Lafayette attacked Cornwallis near Green Springs, within a few miles of Jamestown. Lafayette distinguished himself for personal bravery in the fight, but was forced to retire to Malvern Hill. The American casualties were reported as 118 killed, wounded and missing. The British lost 75.

Jamestown and Northern Railroad Co., right of way through Indian reservation, bill for, 4952, 5177.

Japan.—"Land of the Rising Sun." An empire of Asia lying in the Pacific Ocean, east of China, Korea, and Siberia. It consists of four principal islands—the main island of Honshiu (mainland), Yezo, Shikoku, Kiu Shiu—and about 4,000 smaller islands, including the Loochoo and Kurile groups and the Island of Formosa, which was acquired from China in 1895.

The Japanese name for the country is Nippon or Nihon. The Chinese name is Jih-pun-kwoh.

Physical Features.—The islands of Japan are traversed by a range of mountains with numerous spurs, their general direction being parallel to the coast line. The highest peak is in the main island of Honshiu, where are the sacred snow-capped cone of Fuji-yama (12,370 feet), a volcano dormant since 1707, and Asama-yama (8,300 feet), also volcanic and liable to eruption.

The numerous streams, like those of New Zealand and for the same reason, are short and generally impetuous, rising in the central mountains and flowing to the nearest point of the coast. Slight earthquakes are common in certain districts and the islands are frequently the center of storms or typhoons, especially in September.

History.—The history of Japan is legendary until the middle of the sixth century A. D., when missionaries from Korea introduced Buddhism and elements of the Chinese civilization of the time. Modern history does not begin, however, until 1853, when an American expedition under Commodore Perry forced Japan to open intercourse with the outside world. Until this latter date, Japan had been completely cut off from the remainder of the world, and was living in a state of feudalism, so that the Japan of today represents a country that has become modernized in half a century. (See illustration opposite page 2913.) Japan has proved herself no less apt than the Indo-European races at adapting herself to the complexities of modern civilization, and has earned for herself the right to be considered one of the great Powers.

In 1894-5, Japan obtained the mastery of the Far East by defeating China, receiving as a result a large indemnity, the cession of Formosa and the independence of Korea. Japan then proceeded to penetrate Korea with Japanese influence and finally annexed it outright. The growing strength of Japan in the Far East by the end of the nineteenth century brought her in competition with Russia, so that in 1902 an offensive and defensive treaty was consummated with Great Britain, at that time the arch-opponent of Russia in colonial enterprises. This Anglo-Japanese alliance has dominated the international policy of Japan in recent years. In 1904, the long smouldering antagonism to Russia's projects in the Far East came to a head in the Russo-Japanese War, in which Russia was decisively defeated, so that her influence in the Far East was shattered. (See Russo-Japanese War.)

Japan is a country with natural resources far inadequate to her pretensions, and with an area inadequate for the wholesome support of her population; so that her policy in recent years has been one of both territorial and economic expansion. In particular, China has seemed fruitful soil for Japanese expansion, and Japan has used her military force to so good advantage that for practical purposes today China is dominated by Japan. (See China; and Lansing-Ishii agreement, under Japan, Treaties with, *below.*) With the overthrow of the Tsarist Government of Russia and the intervention by the Entente Allies in Bolshevist Russia, Japan has also spread her influence through southern Siberia. Japan entered the World War in 1914 in order to wrest from Germany the German stronghold of Shantung, but rendered no active assistance to her allies in the struggle against the Central Powers aside from her capture of Shantung and her share in intervention against Bolshevist Russia in Siberia. With the close of the War, Japan remained in possession of the Shantung peninsula, refusing to set a date for its return to China. Feeling against Japanese rule in Korea and Japanese domination in China has become stronger with the years, and Japan is constantly compelled to resort to armed force to maintain her hold upon Korea and her influence in China.

Another feature of the international policy of Japan in recent years has been concerned with the problem of Japanese immigration to the Pacific Coast of the United States. The Pacific Coast is generally opposed to an extensive immigration of Japanese settlers, and of late years there has been an understanding between the Japanese and the United States governments which has served to limit the number of Japanese immigrants. However, some of the western states, particularly California, have made use of their state sovereignty to adopt legislation discriminating against the Japanese, with the result that relations between Japan and the United States on this question have become delicate.

AREA AND POPULATION.

Division	*Sq. Mi.*	*Population*[1]
Honshiu (Mainland)	87,426[2]	41,505,809
Shikoku	7,083[2]	3,293,413
Yezo (Hokkaido)	30,502[2]	1,817,705
Kiushiu	15,703[2]	7,979,928
Chishima (Kurile) Islands	6,068	6,000
Riukiu Islands (Okinawa)	941	534,415
Other Islands	1,033	.....
Total Japan	148,756	53,362,682
Total Japan		56,550,348[3]
Korea (Chosen)	84,738	16,998,191[3]
Formosa (Taiwan)	13,944	3,650,047[3]
Pescadores (Hokoto)	47	80,000[3]
Sakhalin (Karafuto)	13,253	68,207[3]
Grand Total	260,738	77,266,793[3]

[1] Last census; [2] Including adjacent islands; [3] Estimates for 1917.

The latest figures show that some 450,000 Japanese have emigrated to other lands, of whom some 225,000 are living in the United States. The number of foreigners in Japan, exclusive of Formosa, is about 20,000.

Government.—The government is that of a constitutional monarchy, claimed by the Japanese to be hereditary in direct line since the seventh century before the Christian era, and is thus the oldest consecutive government in the world. In the year 1867 the reins of government were reassumed by the Emperor after a lapse of about 600 years of imperial seclusion, during which period the power had been exercised by a Shogun, or Generalissimo, who was *de facto* ruler, although nominally subject to the *de jure* Emperor. In 1871 the Imperial authority was further strengthened by the gradual absorption of the samurai, or sword-bearing warrior class, in the body of the nation. Ruler, His Imperial Majesty Yoshihito, born Aug. 31, 1879; succeeded his father the Emperor Mutsuhito July 30, 1912. The word Mikado is an archaic word seldom heard in Japan, of doubtful etymology, which appears to mean "August Gate," and was used to designate the Emperor, it being thought disrespectful to refer to high personages by name. It is a common custom in Japan to mention persons by places connected with them rather than by name.

The executive power reposes in the Emperor, who is advised by a Cabinet responsible to him, and by a Privy Council of members selected by the Emperor from the nobility and parliamentary or otherwise distinguished persons.

The Imperial Diet consists of two Houses. The Chamber of Peers consists of the Imperial Princes, and Princes and Marquesses of twenty-five years of age; of elected representatives of the remaining ranks of the nobility; of life members appointed by the Emperor; and of representatives elected for seven years by the fifteen principal inhabitants of each of the forty-five administrative districts, a total number of 373 at latest computations. The Chamber of Representatives consists of 381 members, elected for four years by the direct vote of male resident tax-payers in each electoral district.

The judicial system has been modernized, and consists of district and sub-district courts of first instance and courts of appeal, with judges appointed by the Emperor and irremovable except for misconduct. A court of cassation at Tokyo, similar to that of Paris, is the final appeal court of the Empire.

The official administrative unit is the Prefecture (forty-seven in number) under a Prefect who is a civil official appointed by the Emperor and directly responsible to the Home Minister.

Education.—Primary: Lower grade, compulsory, and free. Ages, six to ten. Kindergarten and schools numerous and well attended (82 per cent). Some 55 per cent complete the higher primary course, age ten to fourteen, for which a small monthly fee of thirty to sixty sen is required. Special Schools of industries, commerce, and technics are well attended. State Universities; Tokio, Kyoto, Tohoku, and Kiushiu (Medicine and Engineering only). There are some private institutions of university standing.

The latest figures show 9,061,921 school children between the ages of six and fourteen. There are 635 kindergartens, with 50,986 pupils; 25,578 elementary schools, with 162,992 teachers and 7,454,652 pupils; 321 middle schools (6,575 and 142,000); 366 girls' high schools (4,590 and 96,000); 7,625 special and technical schools (5,684 and 395,000), and about 2,800 miscellaneous schools.

Latest figures show 900 libraries in Japan, with more than 4,000,000 volumes. About 50,000 books and 2,900 periodicals are published annually.

Production and Industry.—Japan is not particularly rich in minerals, the most plentiful being iron and coal. The soil is not naturally fertile and is cultivated most intensively. The average holding is about one acre. Rice is by far the most important crop, and represents the greatest element in the diet of most of the population. Fishing also is of great importance. Among the industries, silk-raising is especially significant, and weaving and spinning are progressively prosecuted. Paper and pottery are other valuable articles of manufacture.

About three-fifths of the arable land is cultivated by peasant owners, the remainder by tenants. The forest area is some 45,000,000 acres, of which some 18,000,000 are Governmental and 3,225,000 belong to the Imperial household.

The latest figures for the acreage and produce of the principal crops are as follows:—

Crop	*Acreage*	*Produce*
Rice	7,554,807	279,200,000 bu.
Wheat	1,392,219	34,735,000 bu.
Barley	1,314,979	46,925,000 bu.
Rye	1,572,405	41,950,000 bu.
Tobacco	69,727	88,862,600 lbs.
Tea	118,898	75,259,100 lbs.

The latest figures show 1,325,000 cattle, 1,575,000 horses, 3,375 sheep, 110,000 goats and 328,000 swine.

The most recent annual mineral production was as follows:—

Mineral	*Quantity*	*Value*
Copper	238,224,350 lbs.	$59,000,000
Coal	29,050,300 tons	70,000,000
Steel	408,504 tons	41,000,000
Petroleum	99,607,720 gal.	9,500,000
Total value, all minerals		$221,000,000

The last industrial census showed 19,299 factories, employing more than 10 wage-earners. There were 636,669 female employees and 458,632 male employees. There were 38 cotton spinning companies, using 2,872,286 spindles consuming 449,019,646 pounds of cotton and producing 388,945,467 pounds of yarn. They employed 96,852 females and 25,776 males. There were 19 cotton-weaving companies, with 32,710 looms producing 303,544,066 pounds of cotton and employing 24,525 females and 4,588 males. Other manufactures were as follows in value:—

Woven Goods	$282,000,000
Cotton	152,000,000
Silk	80,000,000
Woolen	25,700,000
Paper (Japanese)	12,350,000
Paper (European)	21,900,000
Matches	13,900,000
Earthenware	12,600,000
Lacquered Ware	7,025,000
Leather	30,400,000
Oil	13,690,000
Matting	5,485,000
Knittings	27,000,000

The last figures showed the fisheries product worth $51,000,000 raw and $33,000,000 manufactured.

Finance.—The budget is about $500,000,000 annually. The public debt at latest reports was $1,250,000,000. The unit of value is the yen, which is normally valued at $.49 in United States money, and this exchange ratio has been used in the figures in this article.

Commerce.—The last figures show annual imports to Japan valued at $830,000,000 and exports from Japan valued at $960,000,000. These figures exclude bullion and specie. The commerce by chief countries was as follows:—

Country	*Imports From*	*Exports To*
United States	$179,700,000	$239,200,000
China	66,600,000	159,100,000
British India	111,900,000	50,630,000
Great Britain	31,600,000	101,200,000

In the last fiscal year the United States exported to Japan goods valued at $453,147,000 and imported from Japan goods valued at $527,221,000.

The chief articles of import to Japan were as follows:

Cotton, raw	$257,500,000
Iron goods	102,300,000
Oil cake	46,000,000
Rice	44,800,000
Wool	30,000,000
Machinery	29,500,000

The chief articles of export from Japan were as follows:

Raw silk	$185,000,000
Cotton tissues	118,500,000
Yarn	79,000,000
Silk, manufactured	30,000,000

Cities.—The largest cities are Tokyo, the capital, 2,245,000; Osaka, 1,460,000; Kyoto, 539,000; Nagoya, 390,000; Kobé, 500,000; Yokohama, 430,000. There are eight other towns with a population above 100,000.

For Korea, see Korea.

HOKOTO.—The Pescadores (or Fisher Islands)—called by the Japanese Hokoto—are a group of forty-eight islands, of which twenty-one are uninhabited, with a total area of about eighty-five square miles and an estimated population of above 55,000, mainly Chinese, the group having been ceded by China after the war of 1894-1895. The islands are distant about thirty miles west of Formosa in the typhoon-swept area of Formosa Strait.

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Japan, Treaties with.—Diplomatic relations with Japan began with the treaty of 1854, which, with several later ones, was superseded by the more comprehensive conventions now in force. The convention for reimbursing shipwreck expenses, concluded in 1880, provided that all expenses incurred by the government of the United States in connection with rescue, clothing, and assisting needy Japanese subjects in cases of shipwreck should be paid by the Japanese government, if the assisted persons be unable to pay them; and reciprocally, the United States government shall be responsible for debts and expenses incurred by Japan in rendering like assistance to United States citizens. This provision shall not extend to expenses incurred in the salvage of the vessels or cargo, which must be a charge against the vessel and goods or the owners. In such claims for reimbursement, the expenses of government, police, and other officials, and the expense of official correspondence is not to be included. (For the extradition provisions of 1886, see Extradition Treaties.)

The treaty of commerce and navigation of 1894 provided for mutual freedom of trade, travel and residence; free access to

the courts in pursuit and defense of rights; possession and disposal as well as the succession to property, and the equitable imposition of taxes upon the subjects or citizens of the one country while in the dominions of the other. No discriminating, higher, or other taxes shall be levied upon aliens than upon citizens; nor shall military, naval or other service be imposed upon them. Importation and exportation of goods shall be free from prohibitory or embarrassing restrictions, regardless of the place whence the goods arrive or the nationality of the vessels carrying them; but the usual restrictions of coastwise trade obtain in all cases. The privileges of loading and unloading, and all other privileges of navigation which are enjoyed by national vessels shall be granted without restriction or discrimination to the vessel of the other country. The privileges of visiting two or more ports for the purpose of delivering parts of a cargo are extended to vessels, and in such cases there shall be but one imposition of legitimate charges upon the vessel. Humane treatment is to be extended to vessels of all sorts in distress, and means of assistance and alleviation are to be freely accorded by both nations to the sufferers on vessels of the other. Salvage shall in all cases be conducted and governed according to the laws of the country in which the salvage is made. Goods and merchandise saved from a wreck shall not be liable to customs duties unless cleared for consumption. The usual terms of consular convention are included in this treaty. The treaty was to have endured for a period of twelve years from date of conclusion, with twelve months' privilege of notice of intention to terminate (page 7666). (For Trade-Mark regulations, see Trade-Marks, Conventions.)

A new treaty of trade and navigation between the United States and Japan was ratified by the Senate on February 24, 1911, and by the Privy Council of Japan on March 29 following. The signatory exchange was made April 4.

The treaty comprises eighteen articles. Most of these cover subjects already treated in the existing convention, though in many instances the language of the articles is changed to make the provisions conform to modern conditions.

The first article of the treaty asserts the right of citizens or subjects of the two countries to enter, travel or reside in the territories of each other, to carry on trade, lease houses and shops and residences and generally do anything incident to trade.

In Article VII corporations are dealt with. It permits them to appear in courts subject to the laws of each country, though it is stipulated that the permission to corporations to transact business must remain subject to local laws.

In Article VIII it is provided that there shall be no discrimination between the vessels of the two countries in their right to carry imports without being liable to other or higher charges of duties than national vessels. The same rule is applied to exportation and to the payment of export duties, bounties and drawbacks. Article XIV promises that any trade or navigation privilege extended to another country shall be enjoyed by the signatories to this treaty. Article XV confers protection for patents, trade-marks, and designs. This treaty supersedes the treaty of 1894, and became operative July 17, 1911, and is to remain in force twelve years. At the end of twelve years the treaty also continues operative unless six months' notice to the contrary is given.

Regarding immigration restrictions, the following statement by Y. Uchida, the Japanese Ambassador at Washington, while not a part of the treaty, was made in connection with it:

"In proceeding this day to the signature of the treaty of commerce and navigation between Japan and the United States the undersigned Japanese Ambassador in Washington, duly authorized by his Government, has the honor to declare that the Imperial Japanese Government is fully prepared to maintain with equal effectiveness the limitation and control which it has for the past three years exercised in regulation of the emigration of laborers to the United States."

Japan signed with the United States the general international arbitration treaty in 1908, and conventions protecting trade-marks in Korea and China.

An exchange of notes between Secretary of State Root and Baron Takahira, the Japanese Ambassador, dated November 30, 1908, outlined the common policy of the two governments in the Pacific Ocean. It is declared to be the wish of both to encourage free and peaceful development of commerce; the maintenance of the *status quo* in China; reciprocal respect for the territorial possessions of each in China, and the support of the integrity of China and equal trade opportunities for all nations in that country. Should any event occur threatening the *status quo* as above described or the principle of equal opportunity as mutually understood, it remains for the two governments to communicate with each other in order to arrive at an understanding as to what measures they may consider it useful to take.

Lansing-Ishii Agreement.—On November 2, 1917, the Secretary of State of the United States and Viscount Ishii, special Japanese ambassador, exchanged notes at the Department of State in Washington relative to the policy of the United States and Japan in China. The chief points of the understanding therein arrived at were as follows:

The two governments recognize that territorial propinquity creates special relations between countries, and consequently the Government of the United States recognizes that Japan has special interests in China, particularly in those parts to which Japan's possessions are contiguous.

The territorial sovereignty of China nevertheless remains unimpaired, and Japan's special interests will not discriminate against the trade of other nations or disregard previous commercial treaties between China and other nations. Both governments assert that they will not in any way impair the independence of China and that they will always adhere to the principle of the so-called "open door" policy, or equal opportunity for all trade and commerce.

They declare, moreover, that they are opposed to the acquisition by any Government of any special privileges which would affect the independence of China or deny equal opportunities for commerce in China to the citizens of any country.

The Chinese government, in reply to the above agreement, maintained that China had always treated all nations honorably and justly, that the rights of territorial propinquity have been respected and previously provided for, and that China accord-

ingly would not allow herself to be bound by any agreement entered into by other nations.

Java. — One of the Dutch East Indies (q. v.). The area is 50,557 square miles and the last official estimate of the population placed it at 34,157,383.

Java, The, capture and destruction of, by the *Constitution,* 507.

Jay Treaty.—A treaty of peace and friendship between the United States and Great Britain, negotiated in 1794 by John Jay, on the part of the United States, and Lord Grenville, representing Great Britain. It provided for an evacuation of the British posts to the United States, free commercial intercourse on the American continent, unrestricted navigation of the Mississippi River, indemnity to citizens of each country for damages at the hands of privateers of the other, and a limited trade between this country and the British West Indies. The last-mentioned clause caused the treaty to be very unpopular in America. (See Great Britain, Treaties with.)

Jayhawkers.—A name applied to bands of marauders who kept up a guerrilla warfare in eastern Kansas about the beginning of the Civil War. The Jayhawkers were so called because of the alleged similarity of their practices to those of a bird with this appellation.

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Jefferson Manual. (See Manual of Parliamentary Practice.)

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(FIRST TERM, 1801-1805.)

Fourth Administration—Democratic-Republican.

Vice-President—Aaron Burr.

Secretary of State—
James Madison.

Secretary of the Treasury—
Samuel Dexter (continued).
Albert Gallatin, from May 15, 1801.

Secretary of War—
Henry Dearborn.

Secretary of the Navy—
Benjamin Stoddert (continued).
Robert Smith, from Jan. 26, 1802.
Jacob Crowninshield, from March 2, 1805.

Attorney-General—
Levi Lincoln.
Robert Smith, from March 2, 1805.

Postmaster-General—
Joseph Habersham (continued).
Gideon Granger, from Nov. 28, 1801.

Nomination.—There were no conventions or platforms, but the candidates were nominated by a caucus of members of Congress. The Federalists renominated John Adams, and the Democratic-Republicans chose Thomas Jefferson.

Election.—The close race for the Presidency which Jefferson gave Adams in 1796, marked the affection of the people for the man who drew up the Declaration of Independence. The election of Adams in that year, despite his unpopular doctrines, marked the esteem and love which the people had for Washington—for Washington preferred Adams. Jefferson, while Vice-President, was not consulted by Adams in affairs of the administration. His election as the third President of the United States, in 1800, is attributed to the unskillful politics of Hamilton and the political adroitness of Aaron Burr, in New York.

Tripolitan War.—Commodore Dale was sent with three frigates and a sloop of war to protect our commerce on the Barbary coast, and it was found that Tripoli had declared war against the United States.

When the Seventh Congress met Jefferson sent in a written message, establishing the custom which was unbroken until Woodrow Wilson delivered an oral address in 1913.

Vote.—The electoral vote was counted Feb. 11, 1801, and showed Jefferson, 73; Burr, 73; Adams, 65; C. C. Pinckney, 64; and John Jay 1. As no one had received a majority of the votes, the House, on the same day, proceeded to elect a President and a Vice-President. The balloting continued until Tuesday, Feb. 17, 1801, when, on the thirty-sixth ballot, Jefferson was elected President, and Burr, Vice-President. Some of the Federalists, not including Hamilton, tried to elect Burr over Jefferson, and Burr did not discountenance their action.

(SECOND TERM, 1805-1809.)

Fifth Administration — Democratic-Republican.

Vice-President—George Clinton.

Secretary of State—
James Madison (continued).

Secretary of the Treasury—
Albert Gallatin (continued).

Secretary of the Navy—
Jacob Crowninshield, from March 3, 1805.

Secretary of War—
Henry Dearborn (continued).

Attorney-General—
Robert Smith, from March 3, 1805.
John Breckinridge, from Dec. 25, 1805.
Caesar A. Rodney, from Jan. 20, 1807.

Postmaster-General—
Gideon Granger (continued).

SECOND TERM—Nomination.—In the election of 1804, candidates were chosen by Congressional caucus for the positions of President and Vice-President, specifically in order to prevent a repetition of the conditions of 1800, when the struggle for President occurred between Jefferson and Burr, and also of the anomalous condition in 1796 when Adams was a Federalist President and Jefferson a Republican Vice-President. Jefferson and George Clinton were the nominees of the Democratic-Republicans. It does not appear, however, that Charles C. Pinckney and Rufus King, the Federalist candidates for these offices, were nominated in a Federal caucus. The strongest party contests occurred in Massachusetts and Connecticut.

EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT JEFFERSON, 1801-1809.

(NOT INCLUDING TERRITORIES)

FLAG OF 1809

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Vote.—Jefferson carried Massachusetts against the Federalists led by Adams, but failed to win in Connecticut. The electoral vote was counted Feb. 13, 1805, and was conducted in accordance with the Twelfth Amendment to the Constitution, which went into force Sept. 25, 1804. Jefferson had 162 votes against 14 for Pinckney. The apportionment following the census of 1800, and the admission of Ohio in 1802, increased the electoral vote to 176 and the number of States participating to 17. Jefferson was victorious in all of the states except Connecticut and Delaware, and in Maryland, where the vote was split 9 to 2.

Party Affiliation.—Prior to his residence in France as United States minister (1784-1789), Jefferson was a Whig of the Revolution. On his return, he was a Republican-Democrat, in deepest sympathy with the French Revolution. He advocated "the will of the majority to be the natural law of every society, and the only sure guardian of the rights of man." The Constitution had been drawn and adopted in his absence, and although on his return he expressed himself against it, he later modified his views regarding it and came to think more favorably of it. His associates in Washington's Cabinet, notably Hamilton and Knox, often expressed themselves in favor of aristocratic or monarchical forms of government, and regarded the Republican form as only a temporary expedient. This was so hateful to Jefferson that he vehemently expressed his grief and astonishment, and ultimately resigned his Cabinet office. He found himself opposed to the whole Federalist policy and, upon his retirement from office in 1796, he and his friends took the name of Republicans. Thus the Democratic party was formed, which in 1800 became the majority party in the United States. It was known as the Republican party until Jackson, in 1824, changed its name to the Democratic party.

Political Complexion of Congress.—In the Seventh Congress (1801-1803) the Senate, of 32 members, was made up of 13 Federalists and 19 Democrats; and the House, of 105 members, was made up of 34 Federalists and 71 Democrats. In the Eighth Congress (1803-1805) the Senate, of 34 members, was made up of 10 Federalists and 24 Democrats; and the House, of 141 members, was made up of 38 Federalists and 103 Democrats. During the second Jefferson administration, in the Ninth Congress (1805-1807) the Senate, of 34 members, was made up of 17 Federalists and 17 Democrats; and the House, of 141 members, was made up of 29 Federalists and 112 Democrats. In the Tenth Congress (1807-1809) the Senate, of 34 members, was made up of 7 Federalists and 27 Democrats; and the House, of 141 members, was made up of 31 Federalists and 110 Democrats.

Acquisition of Territory.—During the year 1800 the territory of Louisiana was learned to have been secretly ceded by Spain to France. Jefferson opened up negotiations with France to acquire a port of deposit at the mouth of the Mississippi. In January, 1803, he sent James Monroe to France to act with Robert R. Livingston, our minister to that country. Napoleon was burdened with debt and threatened with an English war. Livingston and Monroe negotiated a treaty of purchase, agreeing to pay $15,000,000 for the province of Louisiana, which comprised, east of the Mississippi, the territory south of the thirty-first degree of north latitude and as far east as the Perdido River, and, west of the Mississippi River, the whole of the present State of Louisiana, Arkansas, Missouri, Iowa, Nebraska, the Dakotas, Montana, Idaho, Oregon, and Washington, that part of Minnesota west of the Mississippi River, Wyoming and Colorado east of the Rocky Mountains and north of the Arkansas River, and all but a small southwestern section of Kansas, and the narrow northwestern part of Oklahoma. Claims of American citizens against France to the amount of $3,750,000 were turned in on the purchase and the balance was paid in 6 per cent bonds payable in fifteen years. The Federalists claimed the purchase was unwarranted, and Jefferson thought a constitutional amendment necessary. The Senate, however, ratified the treaty Oct. 19, 1803, and the House passed a resolution to carry it into effect by a vote of 90 to 25, the Federalists voting in the minority.

The Louisiana Purchase increased the area of the United States to a total of 1,999,775 square miles. Jefferson was fully alive to the importance of this addition. In his Third Annual Message (page 346) he says: "Whilst the property and sovereignty of the Mississippi and its waters secure an independent outlet for the produce of the western states and an uncontrolled navigation through their whole course, free from collision with other powers and the dangers to our peace from that source, the fertility of the country, its climate and extent, promise in due season important aids to our Treasury, and ample provision for our posterity, and a wide spread for the blessings of freedom and equal laws." Napoleon, in speaking of the sale of the territory, said: "This accession strengthens forever the power of the United States, and I have just given to England a maritime rival that will sooner or later humble her pride." The Lewis and Clark expedition, which formed the basis of the claim of the United States to the northwestern territory, is described in detail by Jefferson in a special message (page 398) and in his Sixth Annual Message (page 396) he says: "It is but justice to say that Messrs. Lewis and Clark and their brave companions have by this arduous service deserved well of their country."

Slavery.—Jefferson's sentiments on this subject are well expressed in his Sixth Annual Message (page 396) in these words: "I congratulate you, fellow-citizens, on the approach of the period at which you may interpose your authority constitutionally to withdraw the citizens of the United States from all further participation in those violations of human rights which have so long continued on the unoffending inhabitants of Africa, and which the morality, the reputation, and the best interests of our country have long been eager to proscribe. Although no law you may pass can take prohibitory effect till the first of the year 1808, yet the intervening period is not too long to prevent by timely notice expeditions which can not be completed before that day."

Tariff.—In his Sixth Annual Message, Jefferson recommended that the duty on salt, a necessary of life, be suppressed. He looks forward to the accumulation of a surplus of revenue, if peace continues, and in discussing the advisability of further reduction of tariff in the future, says (page 397): "Shall we suppress the impost and give the advantage to foreign over domestic manufactures? On a few articles of more general and necessary use the suppression in due season will doubtless be right, but the great mass of the articles on which impost is paid are foreign luxuries, purchased by those only who are rich enough to af-

ford themselves the use of them. Their patriotism would certainly prefer its continuance and application to the great purposes of the public education, roads, rivers, canals, and such other objects of public improvement as it may be thought proper to add to the constitutional enumeration of Federal powers." A tariff act of May 13, 1800, made slight increases in some duties, especially those upon wines. March 27, 1804, there was passed an act "for imposing more specific duties on the importation of certain articles; and also for levying and collecting light money on foreign ships or vessels, and for other purposes." While some duties were increased by this act, it placed upon the free list rags from cotton, linen, wool, and hemp cloth, regulus of antimony, unwrought clay, unwrought burr stones, and the bark of the cork tree. The act of March 4, 1808, allowed free importation of old copper, saltpeter, and sulphur.

Internal Improvements.—Jefferson was strongly in favor of the application of revenue surplus to internal improvements; but he did not recognize that the Constitution conferred the right of making such upon the Federal Government. In his Sixth Annual Message (page 398) he says, in speaking of such improvements: "I suppose an amendment to the Constitution, by consent of the states, necessary, because the objects now recommended are not among those enumerated by the Constitution, and to which it permits the public money to be applied." In his Eighth Annual Message (page 444) he says: "Shall it (the revenue surplus) lie unproductive in the Public vaults? Shall the revenue be reduced? Or shall it not rather be appropriated to the improvement of roads, canals, rivers, education, and other great foundations of prosperity and union under the powers which Congress may already possess or such amendment of the Constitution, as may be approved by the States?"

Navy.—The navy which had been created during the previous administration for operations against France, was reduced by Jefferson, who put all but six of the vessels out of commission. In his First Annual Message (page 318) he explains that these vessels were laid up in navy yards to reduce expenses. "Whatever annual sum," he says, "beyond that you may think proper to appropriate to naval preparations would perhaps be better employed in providing those articles which may be kept without waste or consumption, and be in readiness when any exigency calls them into use." In his several messages he lays especial stress upon the advisability of preserving the vessels of the navy from decay and injury when not in active use. In a special message of Feb. 10, 1807 (page 407), Jefferson goes fully into the plans for the increase of the navy by the addition of a flotilla of gunboats for the protection of the harbors. Two hundred of these are expected to afford the desired protection, of which number he reports that 73 are built or are building, and that the remaining 127 would cost from $500,000 to $600,000. In his Eighth Annual Message (page 442) he reports that: "Of the gunboats authorized by the act of December last, it has been thought necessary to build only 103 in the present year."

Commerce.—Jefferson did not believe in the paternal fostering of commerce and industries by the Federal Government. In his First Annual Message (page 318) he says: "Agriculture, manufactures, commerce, and navigation, the four pillars of our prosperity, are the most thriving when left most free to individual enterprise. Protection from casual embarrassments, however, may sometimes be seasonably interposed." In speaking of the rapid growth of the country, he says in his First Annual Message (page 314): "I lay before you the result of the census lately taken of our inhabitants, to a conformity with which we are now to reduce the ensuing ratio of representation and taxation. You will perceive that the increase of numbers during the last ten years, proceeding in geometrical ratio, promises a duplication in little more than twenty-two years." The number was 5,308,483 in 1800.

Finance.—Jefferson outlined the financial policy of his administration in his First Annual Message (page 328) in these words: " . . . there is reasonable ground of confidence that we may now safely dispense with all the internal taxes, comprehending excise, stamps, auctions, licenses, carriages, and refined sugars to which the postage on newspapers may be added, to facilitate the progress of information and that the remaining sources of revenue will be sufficient to provide for the support of Government, to pay the interest on the public debts, and to discharge the principals within shorter periods than the laws or the general expectation had contemplated. War, indeed, and untoward events may change this prospect of things and call for expenses which the imposts could not meet; but sound principles will not justify our taxing the industry of our fellow-citizens to accumulate treasure for wars to happen we know not when, and which might not perhaps happen, but from the temptations offered by that treasure."

Public Debt.—The debt of the United States during the administration of Jefferson stood as follows: Jan. 1, 1802, $86,-712,632.25; 1803, $77,054,686.30; 1804, $86,427,120.88; 1805, $82,312,150.50; 1806, $75,743,270.66; 1807, $69,218,398.64; 1808, $65,196,317.97; 1809, $57,023,192.09.

Foreign Policy.—Of the six vessels which Jefferson retained in commission, he sent four to the Mediterranean to overawe the Barbary pirates who were attacking the merchant vessels of the United States. The brilliance and efficacy of the efforts of Decatur and his brave comrades on that occasion are yet remembered by the American people. In his First Inaugural Address (page 311) he speaks of the country as: "Kindly separated by nature and a wide ocean from the exterminating havoc of one quarter of the globe; too high-minded to endure the degradations of the other." In speaking of the proper attitude of the United States in the long struggle between Napoleon and the allied powers, he says, in his Third Annual Message (page 349): "In the course of this conflict let it be our endeavor, as it is our interest and our desire, to cultivate the friendship of the belligerent nations by every act of justice and of innocent kindness; to receive their armed vessels with hospitality from the distresses of the sea, but to administer the means of annoyance to none; to establish in our harbors such a police as may maintain law and order; to restrain our citizens from embarking individually in a war in which their country takes no part; to punish severely those persons, citizens or alien, who shall usurp the cover of our flag for vessels not entitled to it, infecting thereby with suspicion those of real Americans and committing us into controversies for the redress of wrongs not our own; to exact from every nation the observance toward our vessels and citizens of those principles and practices which all civilized

people acknowledge; to merit the character of a just nation, and maintain that of an independent one, preferring every consequence to insult and habitual wrong." Speaking of the attack of the *Leopard* on the American frigate *Chesapeake*, Jefferson wrote in later years: "I had only to open my hand, and let havoc loose." To protect the United States from similar attacks, he issued the embargo of 1807, which continued until the end of his administration: but the conditions were too severe for American commerce to observe, and its frequent violation defeated its purpose. Jefferson always maintained that had the patriotism of the people risen to proper heights, this course would have obviated the war of 1812, and have secured a recognition of neutral rights. Jefferson himself suffered from the condition of the embargo which forbade the exportation of tobacco, by the loss of fully two-thirds of his income.

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Jingoism.—A political term borrowed from the English and applied to that style of writing or oratory usually known as spread-eagle or braggadocio. The mild oath "by jingo" is a corruption of "by Gingou," i.e., by St. Gingoulph. During the war in Bulgaria between Russia and Turkey in 1877 the British Conservatives under Lord Beaconsfield, the premier, strongly advocated English intervention in behalf of Turkey. The Liberals, under Gladstone, were equally determined to avoid trouble and urged that Turkey be left to herself. Popular interest in the discussion grew to the point where it found expression in the music halls. "Jingo" was soon derisively applied to the war party, and they proudly accepted it. The term has since been commonly applied both in England and America to parties extravagantly enthusiastic in defense of the national honor.

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EXTENT OF THE UNITED STATES DURING THE ADMINISTRATION OF PRESIDENT JOHNSON, 1865-1869.

(NOT INCLUDING TERRITORIES)

FLAG OF 1863

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John M. Schofield.

Secretary of the Navy—
Gideon Welles.

Secretary of the Interior—
John P. Usher.
James Harlan.
O. H. Browning.

Attorney-General—
James Speed.
Henry Stanbery.
William M. Evarts.

Postmaster-General—
William Dennison.
Alex. W. Randall.

Johnson became President on the death of Lincoln, April 15, 1865. He was Lincoln's choice for Vice-President in the latter's second term, for strong political reasons. It was felt that Johnson's election would bring to the support of the party a large body of War Democrats, but especially would it prevent the recognition of the Confederacy by Great Britain and France if a candidate were elected from a reorganized rebellious State (Tennessee) in the heart of the Confederacy.

Party Affiliation.—Johnson's earliest political activity was directed against the aristocratic government by the large landholders of Tennessee; he opposed the so-called "internal improvement" policies, and for a time suffered defeat by reason of this opposition. He was the only ardent supporter of Bell who did not go over to the Whig party. In Congress (1843-1853) he supported Jackson, the annexation of Texas, Polk's administration; and opposed internal improvements. He defended the veto power of the President and supported the compromise measures of 1850. He advocated then and later the homestead bill which the slave-holding power of the South did not favor. He occupied an intermediate position in politics by holding pronounced Union ideas which slave-holders did not appreciate, and by recognizing slavery as an institution guaranteed by the Constitution which made him unpopular with the Republicans. He never believed that any attempt at disruption of the Union would be made; but in 1860 he took positive ground against secession and declared in his speech in Congress on the joint resolution amending the Constitution that he would stand by and act in and under the Constitution. In March, 1861, when speaking of the secessionists, he declared: "I would have them arrested and tried for treason, and, if convicted, by the eternal God, they should suffer the penalty of the law at the hands of the executioner."

Tariff.—The chief revenue acts in the administration of President Johnson were those of July 28, 1866, "to protect the revenue, and for other purposes;" of March 2, 1867, "to provide revenue from imported wool, and for other purposes;" and that of Feb. 3, 1863, "to provide for the exemption of cotton from internal tax." The latter act provided that cotton imported from foreign countries after Nov. 1, 1868, should be exempt from duty. In his Third Annual Message, President Johnson (page 3773) urged a thorough revision of the revenue system. "Our internal revenue laws and impost system," he said, "should be so adjusted as to bear most heavily on articles of luxury, leaving the necessaries of life as free from taxation as may be consistent with the real wants of the Government, economically administered." He advocated a large reduction in the number of articles subject to tax as a means of simplifying and reducing the cost of revenue collection.

Public Debt.—The public debt of the United States during the administration of President Johnson stood as follows: July 1, 1866, $2,636,036,163.84; 1867, $2,508,151,211.69; 1868, $2,480,853,413.23.

In his First Annual Message (page 3563) President Johnson says: "Our debt is doubly secure—first, in the actual wealth and the still greater undeveloped resources of the country, and, next, in the character of our institutions. The most intelligent observers among political economists have not failed to remark that the public debt of a country is safe in proportion as a people are free; that the debt of a republic is safest of all."

Civil Service.—In his Third Annual Message (page 3769) President Johnson says: "It is not the theory of this Government that public offices are the property of those who hold them. They are given merely as a trust for the public benefit, sometimes for a fixed period, sometimes during good behavior, but generally they are liable to be terminated at the pleasure of the appointing power, which represents the collective majesty and speaks the will of the people. The forced retention in office of a single dishonest person may work great injury to the public interests."

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Johnstown Flood. (See illustration opposite 5131, and description on back.)

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Joint Resolution.—A resolution passed by both the House of Representatives and the Senate requiring the President's signature to become effective.

Jonathan, or Brother Jonathan.—A term used to denote the typical American. Its origin has been explained in several ways, but the most plausible seems to be that it grew out of Washington's reference to his friend and adviser, Jonathan Trumbull, governor of Connecticut.

Jones, The, sum accruing from sale of, to be paid owners of, 2111.

Jonesboro (Ga.), Battle of.—On the night of Aug. 25, 1864, Gen. Sherman gave up the direct siege of Atlanta and attempted to gain possession of the Macon railroad to the southward. A part of his forces was moved back to the Chattahoochee to the northwest and others pushed southwest. The Army of the Tennessee, under Howard, having destroyed the roads southwest of Atlanta, moved east toward Jonesboro, twenty miles south of Atlanta. Hood, learning of this movement, sent Hardee's corps to defend Jonesboro. When Howard reached the town on the evening of Aug. 30 he found Hardee in possession. The latter attacked Howard on the 31st. After an engagement of two hours the Confederates retired with a loss of 1,400 killed and wounded. During the night Hardee retired to Lovejoy. Seeing his position in Atlanta indefensible, Hood, on Sept. 1, blew up his magazines and evacuated the city, which was occupied by Gen. Slocum with the Twentieth Army Corps.

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Journals of Congress.—The proceedings of Congress from 1774 to 1788 were first published at Philadelphia. They comprised 13 octavo volumes and were completed in 1788. This is the only record of the Continental Congress and that of the Confederation (except the "Secret Journals"), but contains no debates nor laws, that body being without legislative powers, although it adopted many resolutions, ordinances, and recommendations to the states. These journals were reprinted in Washington in 1823 in 4 octavo volumes. "The Journal Acts, and proceedings of the Convention Assembled at Philadelphia which framed the Constitution of the United States" was published at Boston in 1819. There were also published in Boston in 1821, four volumes of the "Secret Journals of the Acts and Proceedings of Congress from the First meeting thereof to the Dissolution of the Confederation by the adoption of the Constitution of the United States." According to the requirements of the Constitution, the Journals of Congress have been printed each session since its adoption. (See Annals of Congress; Cong., etc.)

Judge Advocate General, Navy Department.—This officer was authorized by act of Congress of June 8, 1880. He is appointed by the President, and must be an officer of either the Navy or the Marine Corps. He holds the title of Captain of the Navy, or, if he be appointed from the Marine Corps, the title of Colonel in the Marine Corps; and he receives the highest pay pertaining to these offices. The judge advocate general is the legal officer of the Navy Department. He acts as prosecuting officer and legal adviser in all courts-martial, and receives, revises, and records all court-martial proceedings. He also investigates the regulations concerning the naval prisons, and renders all other legal aid required by the department. (See Navy Department; Justice Department.)

Judge Advocate General. (See War Department.)

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Judicial Salaries. (See Salaries, Judicial.)

Judiciary.—The Federal judiciary system was modeled after that of Great Britain. In the early history of England and of the American colonies the legislative bodies had judicial powers, and the English Parliament is still known as the High Court of Parliament, and the Legislature of Massachusetts as the General Court. Most of these powers, however, were soon transferred to more compact bodies having exclusively judicial functions. Almost the only judicial function retained by legislative bodies is the power of impeachment of high officers. The first step toward a Federal judiciary were the commissions which decided land cases between the states. Commissioners of appeal decided prize cases, and in 1781, under the Articles of Confederation, these were erected into a court. The Constitution of 1787 provided for a Supreme Court and such inferior courts as Congress might establish. By the judiciary act of 1789 circuit and district courts were established. In 1891 the circuit court of appeals was added to this system. The Court of Claims, the Court of Private Land Claims, and a system of Territorial courts have also been established by Congress. The Judiciary system of the several states is similar in a general way to that of the United States. (See also Courts.)

Judiciary System (see also Justice, Department of):
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Jugo-Slavia.—The Jugo, or South, Slavs represent the southern branch of the Slavs, and live not only in pre-War Austria, but also in Servia, Bosnia, Herzegovina, Bulgaria, Macedonia, Montenegro. They comprise about 1,400,000 Slovenes, living in the former Austrian provinces of Carinthia, Carniola, and Styria; and about 8,000,000 Serbo-Croations, living in the former southern Hungarian provinces of Croatia, Bosnia, Herzegovina, Slavonia, and in Macedonia, while they form the bulk of the population in Servia.

The Jugoslavs overran the Roman Empire as part of the general barbarian invasion in which the Czecho-Slovaks also came into what is now Austria-Hungary. Owing to the fact, however, that the Jugoslavs settled farther to the south than the Czecho-Slovaks, they came to a much greater extent under the civilizing influence of Rome—indeed, for many years served as a buffer state between Rome and the other Barbarian peoples. When the Catholic religion split into its western and eastern divisions, the Croats remained with Rome while the Serbs went over to the Greek Church. Their first state in the modern sense of the word was formed in the ninth century, but soon disappeared. For the next several centuries the Southern Slavs existed as many separate tribes and principalities, all in the feudal system, which coalesced into something of a national power again in the fourteenth century.

But on June 28, 1389, the Serbs were defeated by Turkish invaders at Kossovo, and from that time until the nineteenth century the Jugoslavic peoples lived under the control of the Turk. Their first spirit of revolt against Asiatic domination to assert itself with any degree of success dates from 1815, although the Serbs were not freed from Turkish oppression until 1867. That portion of the Jugoslavs later under Magyar domination in Austria-Hungary fell under that domination in the nineteenth century, and the history and the solutions of the Jugoslav problem are hence a vital part of the entire Balkan problem. (See Austria-Hungary; Greece; Servia; Balkan States.)

In 1905, the Serbs and Croats within the Dual Monarchy were brought more closely together than previously by the coalition of their political parties in the Hungarian Reichsrat.

With the military collapse of Austria-Hungary by the end of October, 1918, the Jugo-Slavs were able to establish their independence and by the end of 1918 organized a single state comprising Servia, Montenegro and the Serbs, Croats and Slovenes of the former Austro-Hungarian Empire. However, the road of the new state was far from even. The differences of religion and outlook among the constituent elements were serious, and operated toward disunity. Not only were there quarrels between the Serbs and the Croats, but there were also bitter charges among the non-Serbs that the new state was being used to further the ends of the old Servia at the expense of the other portions. The dispute with Italy concerning the disposition of Fiume and of the Dalmation littoral (see pages 8702, 8789, 8830) continued for many months after the formation of the new state, and made its national life abnormal.

See also Servia, Montenegro and Austria-Hungary.

Jugo-Slavia:

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Italy and, boundary dispute between, discussed, 8703, 8789, 8830.

Juilliard vs. Greenman.—One of several important legal-tender cases. Juilliard having contracted a sale of cotton for $5,122.90 to Greenman, the latter paid $22.90 in coin (which was accepted) and offered payment of the residue in United States notes. Juilliard refused to accept the notes, demanding gold or silver. The case came before the circuit court for the southern district of New York, which found a verdict for Greenman on the ground that notes issued by the United States are legal tender for payment of any debt. The Supreme Court, March 3, 1884, the case having been appealed to that tribunal on a writ of error, affirmed this judgment, thus establishing the constitutionality of the legal-tender act of March 31, 1862. George F. Edmunds and Benjamin F. Butler appeared as counsel in this case, the former for plaintiff in error, the latter for defendant. Justice Gray, in delivering the opinion, stated that the prohibition in the Constitution of the United States to the several States to coin money, emit bills of credit, or make anything but gold and silver coin a legal tender for debts does not deny to Congress either of these powers. These are powers incident to sovereignty, and the impressing upon Treasury notes the quality of being legal tender in payment of private debts is an appropriate means, conducive and plainly adapted to the execution of the undoubted powers of Congress, consistent with the letter and spirit, and therefore within the meaning, of the Constitution. The wisdom and expediency of such meaning is a political question to be determined by Congress, and not a judicial question to be afterwards passed upon by the courts. Justice Field filed a dissenting opinion.

Jules et Marie, The, collision with United States Steamer *San Jacinto*, appropriation to former recommended, 3343.

Junket.—A word applied to any feast or merry-making, convivial entertainment, or picnic. Politically, any trip, excursion, or entertainment by an official at public expense under the guise of public service.

Jurists, International Commission of, referred to, 7780.

Jurors, fees of, referred to, 4730, 4770, 4836.

Jury.—A certain number of men selected according to law and sworn to inquire into or to determine facts concerning a cause or an accusation submitted to them and to declare the truth according to the evidence adduced. The custom of trying accused persons before a jury as practiced in this country and England is the natural outgrowth of rudimentary forms of trials in vogue among our Anglo-Saxon ancestors. The ancient Romans also had a form of trial before a presiding judge and a body of *judices*. The right of trial by jury is guaranteed by the Constitution in all criminal cases and at common law in cases where the amount in dispute exceeds $20. A petit or trial jury consists of 12 men selected by lot from among all the citizens residing within the jurisdiction of the court. Their duty is to determine questions of fact in accordance with the weight of testimony presented and report their finding to the presiding judge. An impartial jury is assured by the practice of drawing by lot and then giving the accused the right to dismiss a certain number without reason and certain others for good cause. Each of the jurymen must meet certain legal requirements as to capacity in general and fitness for the particular case upon which he is to sit, and must take an oath to decide without prejudice and according to testimony presented. A coroner's jury or jury of inquest is usually composed of from seven to fifteen persons summoned to inquire into the cause of sudden or unexplained deaths. (See also Grand Jury.)

Jury System discussed, 319.

Justice:

Miscarriage of, in case of beef-packers, 7291.

Obstructions to, in case of offenders against the Government, 6918, 7003.

Justice, Department of.—The several colonies, following the custom of England, had their attorneys-general from early times. By the Judiciary Act of Sept. 24, 1789, the first Congress under the Constitution directed the appointment of an Attorney-General who should act as legal adviser to the President and heads of Departments and conduct cases in the Supreme Court in which the United States was concerned. The small salary of $1,500 a year which Congress voted was fixed on the supposition that the Attorney-General would devote only a part of his time to his official duties. Edmund Randolph,

however, the first occupant of the office, devoted his entire time to questions which arose in connection with the organization of the courts and their procedure. The salary was gradually increased until, in 1853, it was made $8,000, equal to those of the other members of the Cabinet. No clerical force was provided, however, and not until 1818, during the attorney-generalship of William Wirt, was any appropriation made for clerical hire or office expenses. The clerical force was gradually increased until, in 1855, it consisted of nine employees, but the First Assistant Attorney-General was not appointed until 1859.

A very important step was taken in the organization of the Department in 1861, when the Attorney-General was given control over the various district attorneys.

By an act of Congress of 1870 what had been the Attorney-General's office was formally organized as the Department of Justice. Under this act the office of Solicitor-General was created; two Assistant Attorneys-General (since increased to eight) were provided for, and the law officers of the other Departments were placed under the Attorney-General's control. Since its organization the work of the Department and the number of its employees have steadily increased until, at the present time, about two hundred and sixty officers and employees in Washington and nearly thirteen hundred in various parts of the United States are under the control of the Department.

The Attorney-General, the head of the Department, is the chief legal officer of the country. He is and has been from the beginning, a member of the President's Cabinet, and gives his advice and opinions when consulted by the President or heads of Departments. He also supervises the work of the district attorneys and United States marshals. Opinions on Constitutional questions must come from the Attorney-General himself; opinions on other matters may be given by his assistants. Trials in which the Government is interested may be conducted by the Attorney-General or the Solicitor-General, who acts as his assistant and assumes his duties in his absence.

The Assistant to the Attorney-General, an office distinct from those of Assistant Attorneys-General, has special charge of matters arising out of the anti-trust and interstate commerce laws (q. v.).

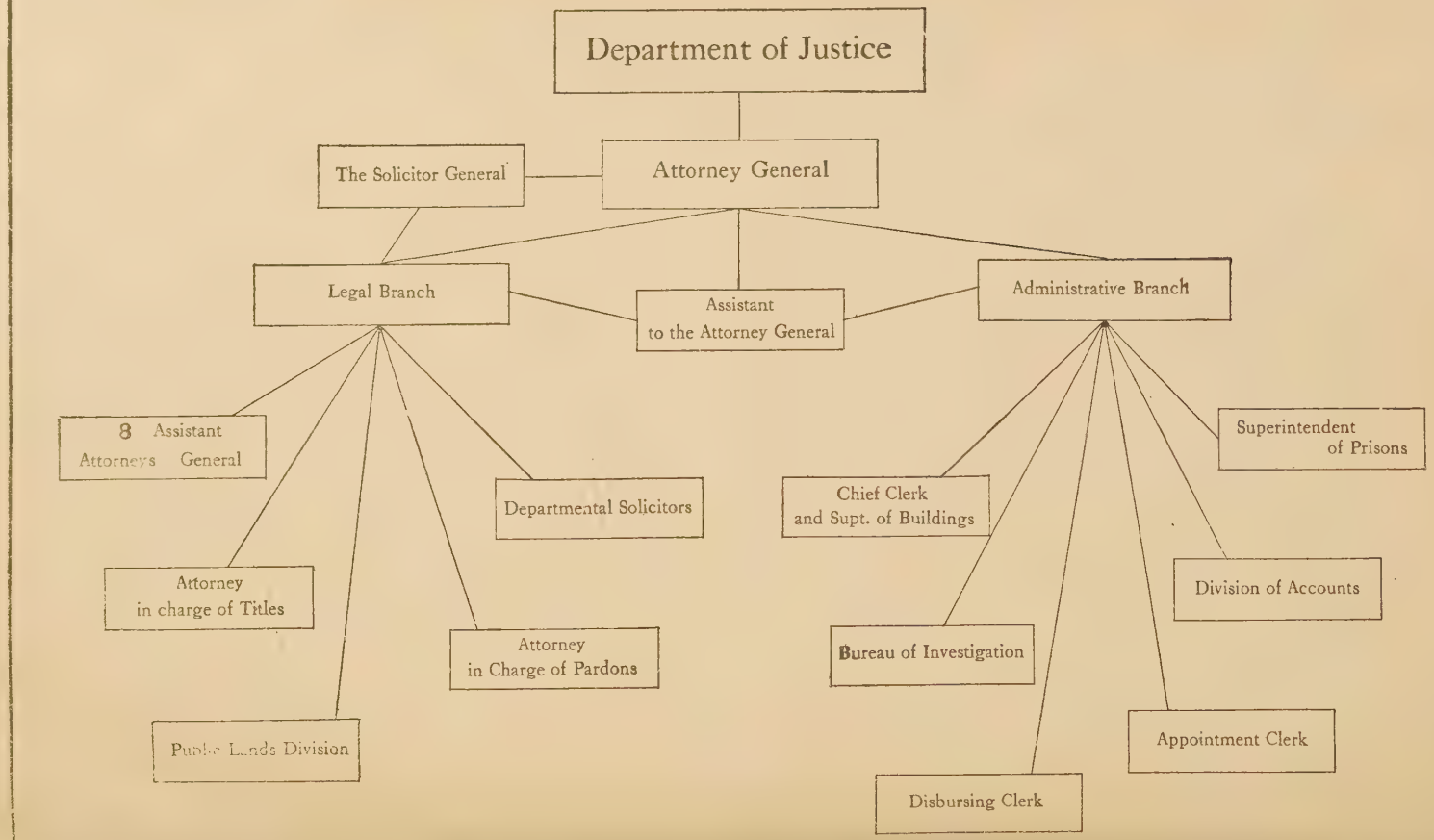
Eight Assistant Attorneys-General and one Special Assistant aid the Attorney-General and Solicitor-General, some having charge of special lines of business, such as the defense of cases in the Court of Claims (q. v.) and before the Spanish Treaty Claims Commission. The Special Assistant Attorney-General is at the head of the Bureau of Insular and Territorial Affairs. Special attorneys may be appointed when necessary. The Attorney-General also has supervision and control of the law officers connected with the various Departments, that is to say, the Assistant Attorneys-General for the Interior and Post Office Departments, the Solicitors of the Departments of State and the Treasury, and the Solicitor of Internal Revenue in the Treasury Department. These act as chief law officers of the Department or office with which they are connected. A General Agent of the Department has charge of United States jails and prisons, and an Accounting Division examines the accounts of United States district attorneys and marshals.

The table in the next column is a list of Attorneys-General and the Presidents under whom they served.

For more detailed information as to the scope and activities of the Department of Justice consult the index references to the Presidents' Messages and Encyclopedic articles under the following headings:

Assistant Attorneys-General.
Attorney-General.
Attorney in Charge of Titles.
Bureau of Investigation.
Commerce Court.
Court of Claims.
Courts.
Courts-martial.
Assistant to the Attorney-General.
Courts, Supreme.
Customs Court.
Judiciary.
Public Lands Division.
Solicitor-General.
Solicitors, Departmental.

President	Attorney-General	Appointed
Washington	Edmund Randolph, Virginia	1789
"	William Bradford, Pennsylvania	1794
"	Charles Lee, Virginia	1795
Adams	" "	1797
"	Theophilus Parsons, Mass	1801
Jefferson	Levi Lincoln, Massachusetts	1801
"	Robert Smith, Maryland	1805
"	John Breckinridge, Kentucky	1805
"	Cæsar A. Rodney, Delaware	1807
Madison	" "	1809
"	William Pinkney, Maryland	1811
"	Richard Rush, Pennsylvania	1814
Monroe	" "	1817
"	William Wirt, Virginia	1817
J.Q.Adams	" "	1825
Jackson	John McP. Berrien, Georgia	1829
"	Roger B. Taney, Maryland	1831
"	Benjamin F. Butler, New York	1833
Van Buren	" "	1837
"	Felix Grundy, Tennessee	1838
"	Henry D. Gilpin, Pennsylvania	1840
Harrison	John J. Crittenden, Kentucky	1841
Tyler	" "	1841
"	Hugh S. Legare, South Carolina	1841
"	John Nelson, Maryland	1843
Polk	John Y. Mason, Virginia	1845
"	Nathan Clifford, Maine	1846
"	Isaac Toucey, Connecticut	1848
Taylor	Reverdy Johnson, Maryland	1849
Fillmore	John J. Crittenden, Kentucky	1850
Pierce	Caleb Cushing, Massachusetts	1850
Buchanan	Jeremiah S. Black, Pennsylvania	1856
"	Edwin M. Stanton, Ohio	1886
Lincoln	Edward Bates, Missouri	1184
"	Titian J. Coffey, Pennsylvania	1733
"	James Speed, Kentucky	1866
Johnson	" "	1865
"	Henry Stanbery, Ohio	1866
"	William M. Evarts, New York	1868
Grant	Ebenezer R. Hoar, Mass	1869
"	Amos T. Ackerman, Georgia	1870
"	George H. Williams, Oregon	1871
"	Edwards Pierrepont, New York	1875
"	Alphonso Taft, Ohio	1876
Hayes	Charles Devens, Massachusetts	1877
Garfield	Wayne MacVeagh, Penn	1881
Arthur	Benjamin H. Brewster, Penn	1881
Cleveland	Augustus H. Garland, Arkansas	1885
B. Harrison	William H. H. Miller, Indiana	1889
Cleveland	Richard Olney, Massachusetts	1893
"	Judson Harmon, Ohio	1895
McKinley	Joseph McKenna, California	1897
"	John W. Griggs, New Jersey	1897
"	Philander C. Knox, Penn	1901
Roosevelt	Philander C. Knox, Penn	1901
"	William H. Moody, Mass	1904
"	Charles J. Bonaparte, Maryland	1907
Taft	Geo. W. Wickersham, New York	1909
Wilson	James C. McReynolds, Tenn	1913
"	T. W. Gregory, Texas	1914
"	A. Mitchell Palmer, Penn	1919


Department of Justice
The Solicitor General
Attorney General
Legal Branch
Assistant
to the Attorney General
Administrative Branch
8 Assistant
Attorneys General
Departmental Solicitors
Attorney
in charge of Titles
Attorney
in Charge of Pardons
Public Lands Division
Chief Clerk
and Supt. of Buildings
Superintendent
of Prisons
Division of Accounts
Bureau of Investigation
Appointment Clerk
Disbursing Clerk

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Vetoed, 4493.
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Grant, 4153.
Harrison, Benj., 5550, 5632, 5755.
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Reorganization of, 7368.
Juvenile Courts. (See Courts, Juvenile.)

Kameruns. (See Africa.)

Kansas.—One of the western group of states; nickname, "The Garden State." "The Sunflower State," etc.; motto, "Ad astra per aspera" ("To the stars through difficulties"). It is situated in the central part of the Union and extends from lat. 37° to 40° north and from long. 94° 38′ to 102° west. Kansas is bounded on the north by Nebraska, on the east by Missouri (separated in part by the Missouri River), on the south by Oklahoma and on the west by Colorado, and has an area of 82,158 square miles. It was a part of the Louisiana Purchase and was made a territory in 1854.

The Topeka constitution, prohibiting slavery, was framed in 1855 and the Lecompton constitution, which sanctioned slavery, in 1857. A civil war broke out between the adherents of these two constitutions.

Finally, in 1859, the Wyandotte constitution, forbidding slavery, was adopted. The State was admitted to the Union Jan. 29, 1861.

Statistics of agriculture collected for the last Federal census, place the number of farms in the State at 177,841, comprising 43,384,799 acres, valued with stock and improvements at $2,039,389,910, an increae of $1,175,289,624 over the 1900 report. The average value of farm land per acre was $25.45, as compared with $12.77 in 1900. The value of domestic animals, poultry, etc., was $253,528,577, including 3,079,403 cattle, valued at $80,557,443; 1,147,056 horses, $112,758,108; 208,409 mules, $25,629,418; 3,050,157 swine, $24,708,885; 272,475 sheep, $1,209,931.

The latest figures for the annual agricultural production are as follows:

Crop	*Acreage*	*Bushels*	*Value*
Wheat	11,624,000	151,001,000	$324,652,000
Corn	4,475,000	69,362,000	97,107,000
Hay	1,832,000	4,507,000*	71,211,000
Oats	1,574,000	44,229,000	32,287,000
Potatoes	68,000	5,168,000	9,820,000
Sorg'ms	2,040,000	17,888,000	26,832,000
Barley	600,000	16,200,000	16,200,000

*Tons.

Live-stock is extensively raised. The last figures showed 1,153,000 horses, valued at $99,087,000; 260,000 mules, $30,420,000; 935,000 cows, $75,735,000; 2,160,000 other cattle, $103,728,000; 506,000 sheep, $5,870,000; 1,667,000 swine, $29,172,000. The last wool clip yielded 1,754,000 pounds.

There are extensive coal fields, the last annual production being 7,292,000 tons. In 1915, the oil-fields yielded 2,825,000 barrels. There is also natural gas. Other mineral deposits of value are zinc (about 15,000 tons annually), sandstone, limestone, clay and salt. The total mineral production has run to more than $35,000,000 annually of recent years. Kansas City is one of the centers of the live-stock industry.

The population in 1910 was 1,690,949. In 1920, it was 1,769,257. There were 54,030 negroes in 1910.

The 1910 population figures showed 135,190 foreign-born in the state. Of these, 34,506 were German, 15,311 were Russian and 13,309 were Swedish.

The latest figures show the school population as 620,991, the total school enrollment being 405,319. The average daily attendance was 288,236. There were 2,353 male and 14,045 female teachers. There were 8,956 public elementary schools and 657 high schools, the latter with 2,476 teachers, 48,685 pupils.

The capital is Topeka (57,000). Other large cities are Kansas City (105,000) and Wichita (75,000). Only 29% of the population was urban in 1910.

The number of manufacturing establishments in Kansas having an annual output valued at $500 or more at the beginning of 1915 was 3,136. The amount of capital invested was $163,790,000, giving employment to 53,032 persons, using material valued at $261,148,000, and turning out finished goods worth $323,234,000. Salaries and wages paid amounted to $34,983,000.

(See also Lecompton Constitution; Topeka Constitution; Wyandotte Constitution.)

Kansas:

Act—
- For sale of Indian reservation, 4656.
- To provide for sale of New York Indian lands in, vetoed, 5238.

Admission of, into Union discussed, 2980, 3002, 3028.
- Recommended, 2893, 3009.

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Disorders and revolutions in, discussed, 2873, 2885, 2915, 2937, 2980, 3002, 3028, 3177.
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Election and qualifications for electors discussed, 2885, 2980, 3002, 3028, 3177.

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- Proclamation against unlawful combinations, 2923.

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Joint resolution authorizing grant of lands to, for benefit of agriculture, etc., vetoed, 5308.

Meetings in, interfered with by Army, 2915.

Memorial from citizens of, regarding creation of new territory, etc., 3111.

Military forces of United States sent to, referred to, 4013.

Public lands of, 6706.

Relief for suffering people in—
- Recommended, 3184.
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Soldiers employed in, to arrest violators of law, referred to, 2908.
Troops of, treatment of, captured by insurgents, referred to, 3398.
Wea trust lands in, referred to, 3400.

Kansas Aid Society.—An organization to aid immigration into Kansas. Under the provisions of the Kansas-Nebraska Act, passed by Congress in May, 1854, the question of slavery in Kansas was left to the residents of the state for settlement, on the principle of local option or "squatter sovereignty." An immigrant aid association, which had been already formed in Massachusetts for the purpose, began sending anti-slavery settlers into the new Territory to forestall its settlement by slaveholders. Similar societies were organized in July, 1854, in New York and Connecticut. The settlers were provided with ample funds and means of defense against the settlers from the slaveholding states of the South. Meantime slavery advocates from Missouri were passing over the line and preempting large tracts of fertile lands. For four years the conflict for supremacy raged between the two parties, the anti-slavery party finally prevailing.

Kansas City, Fort Scott and Gulf Railway Co., act to authorize construction of railway through Indian Territory by, returned, 4986.

Kansas City, Oklahoma and Pacific Railway Co., act authorizing construction and operation of railway by, through Indian reservations vetoed, 6008.

Kansas Indians. (See Indian Tribes.)

Kansas-Nebraska Act.—By the Missouri Compromise of 1820 slavery was prohibited in all the region lying north of lat. 36° 30′ with the exception of that lying in the State of Missouri. As a result of the Mexican War the limits of the United States were extended from the one hundredth meridian westward to the Pacific and southward to lat. 32° 30′ north. By the Kansas-Nebraska Act, passed by Congress in May, 1854, Kansas and Nebraska were separated and organized into two distinct territories, and the question of slavery was left to the people for settlement. As both these states lie north of the line above which slavery was prohibited by the Missouri Compromise, the passage of the bill practically repealed that measure. The status of Nebraska as a free state was soon determined, but the struggle in Kansas was long and bitter. It disrupted the Whig party and led to the establishment of the Republican party, and was an important link in the chain of events that brought on the Civil War.

Kansas-Nebraska Act:
Discussed, 2982.
Referred to, 3030.

Kanso, Straits of, vessels of United States interfered with by British vessels in, referred to, 4068.

Kaskaskia Indians. (See Indian Tribes.)

Ka-ta-ka Indians. (See Indian Tribes.)

Kaw Indians. (See Indian Tribes.)

Kearsarge, The.—A United States corvette built at Portsmouth, N. H., in 1861. She carried 163 officers and men, four 32-pounder and one 28-pounder guns, and two 11-inch rifles. She was commanded by Capt. John A. Winslow. Her greatest service was the sinking of the Confederate cruiser *Alabama,* off Cherbourg, France, June 19, 1864. The *Alabama* had done much damage to United States commerce, and the *Kearsarge* had been sent to sink her. When the *Kearsarge* opened fire her superiority in point of management and gunnery was at once apparent. One of her shells cut off the *Alabama's* mizzenmast, and another exploded, killing half her crew. Feb. 2, 1894, the *Kearsarge* was wrecked on Roncador Reef, in the Caribbean Sea. (See also Alabama Claims.)

Kearsarge, The, destruction of the *Alabama* by, referred to, 3457.

Kenesaw Mountain (Ga.), Battle of.—Between the 1st and 6th of June, 1864, Sherman gradually moved his army so as to envelop Allatoona Pass. This compelled Johnston to withdraw his army from its strongly intrenched positions at New Hope Church and Acworth. Allatoona Pass was then made a depot of supplies, and June 8 Gen. Blair joined Sherman with two divisions of the Seventh Corps and a brigade of cavalry, raising his effective force to its original strength of 98,000. Johnston's force was 62,000. Sherman then advanced toward Kenesaw Mountain, and on June 14 an artillery duel took place in which the Confederate General Polk was killed. On the 15th and 17th of June the Confederates retired from Pine Mountain and Lost Mountain, and thoroughly intrenched themselves on Kenesaw Mountain. June 27 two assaults on the Confederate position were simultaneously made, one by Thomas and the other by McPherson. Both were repulsed. Nothing now remained for Sherman but to turn the position. July 2 the whole army was put in motion toward the Chattahoochee. The Confederates immediately abandoned their position on the mountain and retired to the river. Sherman's loss at the attack on Kenesaw Mountain aggregated 3,000 men including Generals Harker and McCook. The Confederate loss was 630.

Kenia Colony.—The name given to the former British protectorate of British East Africa when it was formally incorporated in the British Empire in 1920. See British East Africa and Africa.

Kennebec Purchase.—In 1628 the council for New England granted to William Bradford and other Plymouth colonists a tract of territory along the Kennebec and Cobbiseecontee rivers for fishing purposes. This was sold in 1661 to Tyng and others, and has since been known as the Kennebec Purchase.

Kentucky.—One of the southern group of states; nickname, "The Corn Cracker State;" motto, "United we stand, divided we fall." The name is said to mean in the language of the Indians "Dark and bloody ground." It lies between lat. 36° 30′ and 39° 6′ north and long. 82° and 89° 38′ west. It is bounded on the north by Ohio, Indiana, and Illinois (separated by the Ohio River), on the east by West Virginia (separated by the Big Sandy River) and Vir-

ginia, on the south by Tennessee, and on the west by Missouri (separated by the Mississippi River). Area, 40,598 square miles. In 1910, the population was 2,289,905, of which 261,656 were negro and 40,053 were foreign-born. Only 24.3% of the population was urban. In 1920, the population was 2,416,013.

A vast tract of land, including what is now Kentucky, was ceded to Great Britain by the Iroquois Indians in 1684. Kentucky was explored by Daniel Boone in 1769, and the first settlement was made at Harrodsburg in 1774. It was made a county of Virginia in 1776 and admitted to the Union June 1, 1792. It took a distinguished part in the War of 1812, the Mexican War, and the Civil War. Although a slave state, Kentucky wished to preserve neutrality in the latter war. Kentucky has abundant natural resources in the shape of coal and iron mines, hard wood forests, fertile soil and great water power facilities. Tobacco, corn and wheat are the chief agricultural products, Louisville being the largest leaf tobacco market in the world.

The latest figures show a school population of 648,546, of which the enrollment in elementary schools was 355,224 white and 33,789 colored. The average daily elementary attendance was 277,366 white and 20,668 colored. In the elementary schools there were 3,566 white male teachers, 4,867 white female teachers, 234 male colored teachers and 687 colored female teachers, There are 340 high schools, with 2,395 teachers and 91,854 pupils. The last annual expenditure on education was almost $9,000,000.

Statistics of agriculture collected for the last Federal census place the number of farms in the State at 259.185, comprising 22,189,127 acres, valued with stock and improvements at $773,797,880. The average value of farm land was $21.83, as compared with $13.24 in 1900. The value of domestic animals, poultry, etc., was $117,486,662, including 1,000,937 cattle valued at $25,971,571; 443,034 horses, $44,796,120; 225,043 mules, $26,402,090; 1,491,806 swine, $8,951,692; 1,363,013 sheep, $5,573,998.

The raising of stock, particularly horses, is a valuable activity. Latest figures on farm animals show 429,000 horses, valued at $43,329,000; 231,000 mules, $29,106,000; 457,000 cows, $33,361,000; 580,000 other cattle, $23,896,000; 1,236,000 sheep, $13,472,000; and 1,681,000 swine, $21,853,000. The last wool clip was 3,211,000 pounds.

The principal mineral product is coal, the last annual production being 29,690,000 tons. There is also a valuable petroleum output, the 1915 yield being 437,000 barrels. Kentucky is one of the few states in which fluor-spar is produced. The quarries and clay-working establishments are also important.

The latest figures for the annual agricultural production are as follows:

Crop	*Acreage*	*Bushels*	*Value*
Corn	3,300,000	82,500,000	$127,875,000
Tobacco	550,000	456,500,000*	174,383,000
Hay	1,115,000	1,561,000†	39,650,000
Wheat	1,046,000	12,029,000	25,381,000
Oats	440,000	9,900,000	9,009,000
Potatoes	72,000	5,040,000	10,584,000

*Pounds. †Tons.

The number of manufacturing establishments in Kentucky having an annual output valued at $500 or more at the beginning of 1915 was 4,184. The amount of capital invested was $193,423,000, giving employment to 77,865 persons, using material valued at $114,829,000, and turning out finished goods worth $230,249,000. Salaries and wages paid amounted to $43,153,000.

Kentucky (see also Louisville):
Admission of, into Union, referred to, 73, 76, 78.
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Constitution, amendment to, application to Congress to call convention for proposing, 3194.
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Proclamation revoking, 3529.
Militia of, commended for Indian service, 96.
Officers of, attempt to bring Aaron Burr to justice, 403.
Ratification of amendment to Federal Constitution by, referred to, 249, 250.

Kentucky Resolutions.—Nine resolutions prepared by Thomas Jefferson and passed by the Kentucky legislature in 1798. These and the Virginia Resolutions were the outgrowth of a feeling that the Federal party, in passing the alien and sedition laws, was making an illegitimate use of the power granted to the Government by the Constitution. The resolutions declared that the Union was not based on the "principle of unlimited submission to the General Government;" that the Constitution was a compact to which each state was a party as related to its fellow states, and that in all cases not specified in the compact each party had a right to judge for itself, as well of infractions as of the mode and measure of redress. They then proceeded to set forth the unconstitutionality of the alien and sedition laws and invited other states to join in declaring them void. A tenth resolution was passed the following year declaring that nullification of a Federal law by a state was the rightful remedy for Federal usurpation of authority. Upon these resolutions were based in part the doctrines of nullification and secession.

Kernstown (Va.), Battle of. (See Winchester (Va.), Battles of.)

Kettle Creek (Ga.), Battle of.—Feb. 14, 1779, Col. Andrew Pickens, of South Carolina, and Col. Dooley, of Georgia, with 300 men, surprised Col. Boyd's provincials on the north side of Kettle Creek, in Wilkes County, Ga. A short skirmish ensued, in which Boyd's tories were routed with inconsiderable loss on either side.

Keweenaw, The. (See *Baltimore*, The.)

Key West, Fla.:
Blockade of port of, having been inadvertently included among those

which were not to be opened to commerce, removed by proclamation in April, 1865, 3482.
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Kickapoo Indians. (See Indian Tribes.)

Kidnapping of American child in Mexico referred to, 3572.

Kiel Canal, encomiums bestowed on American vessels at opening of, 6062.

Kik-ái-llus Indians. (See Indian Tribes.)

Kilbourn vs. Thompson.—A case decided by the Supreme Court in 1880 denying the right of the Senate or House of Representatives to punish anyone except their own members for contempt of their orders. Kilbourn was summoned as a witness before the House in 1876, and required to answer questions as to his private business and to produce certain papers. He refused, whereupon Sergeant-at-Arms Thompson was ordered to imprison him in the jail of the District of Columbia. He remained in prison forty-five days. He was then released on a writ of *habeas corpus.* He brought suit for false imprisonment against Thompson and the members of the committee who caused his arrest. The court decided that the House might punish its own members for disorderly conduct, but that the Constitution did not give either branch of Congress general authority to punish for contempt. It was held, Justice Miller delivering the opinion, that neither House of Congress is a part of any court of general jurisdiction. Judgment was given Kilbourn, which was paid by an appropriation by Congress.

Killits Case discussed, 8317.

King Philip's War.—Philip, son of Massasoit, sachem of the Wampanoag Indians and a friend to the early settlers of Plymouth, determined to drive away or kill all the European settlers in his territory. His camp was at Mount Hope, R. I., and his first blow was struck at Swansea, Mass., July 4, 1675. The settlers took up arms in defense and drove the Indians to the more remote settlements. Philip was reenforced by other tribes, but the Indians suffered many defeats and were finally subdued. Philip was shot in a swamp by a treacherous Indian and his head was carried in triumph to Plymouth. His son, the last of the line, was sold into slavery and sent to Bermuda.

Kings Mountain (S. C.), Battle of.—Early in October, 1780, Cornwallis sent Colonels Tarleton and Ferguson from Charleston to invade North Carolina, enroll local militia, and compel the allegiance of the people. On the 6th Ferguson, finding himself hotly pursued by the Americans, took up a strong position on Kings Mountain, near the boundary line between North and South Carolina. The next day his army, about 1,500 strong, was attacked by about the same number of American militia under command of Colonels Shelby, Campbell, Cleveland, McDowell, Sevier, and Williams. After a desperate struggle lasting an hour, in which Ferguson was killed, the British force surrendered. The casualties on the British side were 387 killed or so badly wounded as to be left upon the field and about 1,200 taken prisoners. The Americans lost 28 men and 60 wounded. Fifteen hundred muskets and other arms fell into the hands of the Americans.

Kirk Kilesseh should be awarded to Bulgaria, 8840.

Kitchen Cabinet.—A name applied to a certain circle of intimate friends of President Andrew Jackson. These friends were said to have more influence with the President than his official Cabinet. The principal member of the Kitchen Cabinet was Duff Green, of St. Louis, who established the newspaper, *The United States Telegraph,* in Washington. This paper was the President's organ until 1831, when Green, siding with Calhoun against Jackson, lost the latter's confidence. *The Globe,* John C. Rives and Francis P. Blair, editors, then became the President's organ, and Blair became a member of his Kitchen Cabinet. Other members were William B. Lewis, of Nashville, who was appointed Second Auditor of the Treasury; Isaac Hill, of New Hampshire, who was made Second Comptroller of the Treasury, and Amos Kendall, of Kentucky, who was made Fourth Auditor of the Treasury and finally in 1835 joined the official Cabinet as Postmaster-General. The term has also been applied to certain advisers of President John Tyler and of President Andrew Johnson, but Jackson's Kitchen Cabinet is meant when the term is used without qualification.

Kittery, Me., dry dock at, 2414.

Klamath Indians. (See Indian Tribes.)

Knight Sugar Trust Decision, effect of, discussed, 7451.

Knights of Columbus.—A fraternal and benevolent order of Catholic men, active in all sections of the United States, Canada, Alaska, Newfoundland, Porto Rico, Philippine Islands, and Cuba. The order performs much charity work, aids educational activities, donates scholarships, provides lectures, organizes recreation, and in many other ways endeavors to increase knowledge of and to aid the functions of the Roman Catholic religion. After the entrance of the United States into the European war, the Knights of Columbus functioned actively in the United States army in providing helpful non-military service, although much of this work was undenominational and non-Catholics were eligible to partake in any of it.

The society was founded in New Haven, Connecticut on February 2, 1882. At first all members were required to participate in the insurance features of the order, but not many years after its organization provision was made for the admission of associate members, who have no part in the insurance features of the order; and at the present time the latter comprise some 75% of the Knights of Columbus membership. The latest figures showed 1,894 councils, with 155,469 insurance members and 385,674 associate members, a total of 541,343.

In the twelve months from June 30, 1918 to June 30, 1919, the Knights of Columbus spent some $17,000,000 in war relief work. Of this amount, about $5,500,000 was spent on work in the United States and more than $9,500,000 was spent in Europe. In the United States, the Knights had 461 buildings and 32 tents. Abroad, 125 huts of substantial size were maintained, in addition to many others more or less ephemeral. About 1,075 Knights of Columbus workers were sent overseas.

Later but unofficial reports indicated that the total membership of the order had risen to 633,978, with 1,975 councils. About $33,000,000 was spent on war work during the entire period of the war, with some 4,000 secretaries in action and with 500 K. of C. huts in the United States and 200 abroad.

Knights of Labor.—A secret order of workingmen, founded by Uriah S. Stevens in Philadelphia in 1869, and formally organized as a national body, with district and local assemblies, in 1871. It was not until 1881 that the name of the order was made public. At that time nearly all the trades were represented. Each trade formed a district, as nearly as possible. The knights are governed by a general executive board, presided over by a general master workman, which has power to order strikes and boycotts. The membership once reached 220,000. They have ordered many strikes among coal miners and railroad operatives. Perhaps the greatest strike ever undertaken by the general assembly of the order was that on the Missouri Pacific system, which failed. A general strike of the district composed of telegraphers also failed. The object of the order is the amelioration of the condition of workingmen. The order has generally been superseded by the Federation of Labor.

Knights of the Golden Circle.—A secret organization of active Southern sympathizers in some of the Northern States, especially in the Central West, during the Civil War.

Knit Goods. (See Hosiery and Knit Goods.)

Know Nothings. (See American Party.)

Knoxville (Tenn.), Siege of.—Sept. 3, 1863, Gen. Burnside, with the Army of the Ohio, occupied Knoxville, Tenn. Upon his advance the Confederate General Buckner evacuated eastern Tennessee and joined Bragg at Chattanooga. Early in November Longstreet, with 16,000 men, was detached from Bragg's army and sent to regain possession of Knoxville. Burnside, with a force of 12,000, met Longstreet at Campbells Station, Tenn., Nov. 16, and retarded his advance long enough to enable him to concentrate his forces at Knoxville. Longstreet then besieged that town. Nov. 18 and 20 he unsuccessfully assaulted the Federal works. Meantime Grant had defeated Bragg at Chattanooga, and Sherman, with 25,000 men, was sent to the relief of Burnside. Dec. 5, 1863, Longstreet, hearing of the approach of Sherman, raised the siege and retreated toward Virginia. Sherman thereupon returned to the line of the Hiawassee, leaving two divisions under Gen. Granger to sustain Burnside.

Kootenay Indians. (See Indian Tribes.)

Korea (Chosen). —The peninsula of eastern Asia between the Sea of Japan and the Yellow Sea, due west of Japan. It is separated from Manchuria on the latter's south by the Yalu River. The length is about 600 miles and the average width about 135 miles. The total area is about 84,000 square miles. The population is estimated at 17,000,000. Capital, Seoul, with a population of some 302,000 of whom about 50,000 are Japanese. There has been a large influx of Japanese in recent years.

The language of the people is intermediate between Mongolo-Tartar and Japanese, with a very large admixture of Japanese words. The religion is largely ancestor-worship and superstition, although the upper classes hold to Confucianism and there is some theoretical adherence to Buddhism. Christianity has made great progress of recent years. The press is entirely under Japanese censorship.

History.—The territory now called Korea or Chosen seems to have been annexed to China around the beginning of the Christian era. In the tenth century, the Koreans achieved a large degree of independence, during which much progress was made. At the end of the fourteenth century, the present dynasty was established by a revolution which overthrew the Buddhist influence in the country. The end of the sixteenth century saw an unsuccessful Japanese invasion. In the seventeenth century, it was conquered by the Manchus. (See China.)

Until 1876, Korea remained completely cut off from the outside world, with no share in the progress made by the more civilized nations in modern times. In that year, Japan obtained a treaty establishing intercourse, and in the following years the great Powers obtained similar treaties. The Chinese hold on Korea was the ostensible cause of the Russo-Chinese War, and the close of the War saw Korea freed from Chinese rule. There were then several years in which Korea was protected by Russia, but Japan was bent on penetrating the country with Japanese influence, and with the outbreak of the Russo-Japanese War (q. v.), Korea was forced to accept Japanese tutelage, thus practically ending her independence. Japan continued to strengthen her hold upon the Koreans, and in 1910 formally annexed Korea. Of recent years, there have been violent outbreaks against Japanese rule, and Japan has been able to maintain her hold upon the country only by the most rigid and ruthless use of force.

Production and Commerce.—Korea is predominantly an agricultural country, although most of it is mountainous. The northern parts are particularly well-wooded. There are valuable mineral deposits, still largely unexploited. There are a number of rivers, although none of any great size. Fishing, including whaling, is an important industry.

The soil is fertile. Rice is the staple crop, although many others are raised. There is some silk-culture and attempts are being made to introduce cotton-raising on a large scale. The chief industries are paper-making and weaving. Manufacture is in its infancy, and transportation is undeveloped.

The last rice crop was estimated at 61,000,000 bushels. The most important mining is that of gold.

The latest figures show annual imports of $50,000,000 and exports of $40,000,000. The chief imports are cotton goods, machinery, oil, sugar, timber, coal, and paper. The chief exports are rice, gold, beans, copper, hides and cattle. Most of the trade is naturally with Japan.

In 1919, the United States exported to Korea goods valued at $3,333,000 and imported from Korea goods valued at $335,000.

Korea:

Annexation of, by Japan, 7498.
Chemulpo, agreement respecting foreign settlement at, 5391.

Consular courts in, organization of, recommended, 5368, 5471, 6939.
Regulations for, 5675.
Diplomatic relations with, discussed, 4761, 4915, 5367.
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Minister and party sent to conclude treaty with, treacherously attacked, 4099.
Result of expedition discussed, 4099.
Mission from, received, 5367.
Treaty of, with United States, 4099, 4698, 4715, 4757, 4761.
War between China and Japan regarding. (See Wars, Foreign.)

Korea, Treaties with.—A treaty of amity, commerce, and navigation was concluded in 1882. It provides for perpetual peace and friendship between the rulers and citizens of both countries. Consular representatives are to be appointed and accredited according to the regulations commonly governing such matters. Humane treatment is to be extended to all vessels in distress, and the customary provisions are made for their relief. United States vessels conducting clandestine trade at a port not open to foreign commerce shall be confiscated. Citizens are to be protected within the dominions of the other country. In cases of controversy between citizens of the one country and subjects of the other, the trial is to be made before a judge of the nationality of the defendant, and all facilities shall extend to the counsel of the plaintiff. This condition shall obtain in Chosen until such time as in the opinion of the United States the judicial conditions and administration of justice in that country shall conform to the standard of the United States; at which time citizens of the United States in Korea shall become subject to the native authorities.

The tariff on all articles of daily use imported into Korea shall never exceed ten per cent. of the value of such goods; articles of luxury, as foreign wines and tobacco, watches and clocks shall be subject to an import duty not to exceed thirty per cent. of the value, and articles of native produce, five per cent., *ad valorem*. The tonnage duties on ships entering harbors or ports in Chosen shall be five mace per ton, payable once every three months. The holding of land, construction of buildings, while freely permitted in any of the ports open to foreigners, is restricted that the property shall always be under the jurisdiction of the authorities of Chosen, and that the only extraterritorial rights in connection with these matters shall be those conferred by this treaty. The trade in Chosen shall be restricted to the open ports and coastwise trade by the citizens of the United States is prohibited. Trade in opium between the two countries is absolutely forbidden. In times of threatened famine in Chosen, the emperor may, at discretion, forbid the export of foodstuffs; the exportation of rice and breadstuffs from the open port of Yin-Chuen is at all times forbidden. Ginseng may not be exported from any port of Chosen. Only the government officials of Chosen may purchase and bring in arms and munitions of war.

Free emigration and immigration between the two countries is permitted to students. A fuller treaty shall be made between the two countries within five years from the date of conclusion of this tentative agreement, the later treaty to be based upon the experience of the two nations on existing conditions. Any privileges which may hereafter be accorded by Chosen to other foreign nations shall accrue to the government of the United States.

The agreement between Japan and Korea of 1905 provides:

"The Government of Japan undertakes to see to the execution of the treaties actually existing between Korea and other powers and the Government of Korea engages not to conclude hereafter any act or engagement having an international character except through the medium of the Government of Japan."

Krebs, Ind. T., miners killed at, 5663.

Ku Klux Klan.—A secret organization in several of the southern states soon after the Civil War. Its exact origin was never given. It was claimed that a copy of the constitution (prescript, as it was termed) of the order was obtained, from which it was learned that their lodges were called dens; the masters, cyclops; the members, ghouls. A county was called a province and was governed by a grand giant and four goblins. A Congressional district was a dominion, governed by a grand titan and six furies. A state was a realm, governed by a grand dragon and eight hydras. The whole country was the empire, governed by a grand wizard and ten genii. They appeared only at night and carried banners. Their dress was a covering for the head, descending over the body, holes being cut for eyes and mouth, the covering being decorated in any startling or fantastic manner. Its object was to suppress the negro as a factor in politics, by means of intimidation and terrorization, and, for a time, many of the most prominent and respectable citizens of the southern states belonged to it; but later the more respectable element withdrew and the organization outran its original purpose. In many localities gross disorders and crimes were committed by persons in disguise, who were either members of the Klan or who were using the disguise and methods of the order for evil purposes. A Congressional investigation followed, and President Grant in a message asked for legislation to suppress the order, etc. The Ku-Klux act (see Force Bill) was passed in 1871. The same year the president issued proclamations on the subject, and soon thereafter the Klans dispersed and ceased to exist. (See illustration opposite 4072.)

Ku-Klux Klan (see also Rifle Clubs; White Leagues):
Discussed, 4104, 4117.
Proclamations against, 4086, 4088, 4089, 4090, 4093.

Kupreanof Island, referred to, 6697.

Kurdistan.—A mountainous region southeast of Armenia and north of Mesopotamia. Most of it lay in the east of the Turkey in Asia before the World War, but it extended also into northwestern Persia. The Kurds are a nomadic Mohammedan race.

RUSSIA
CHINA
JAPAN
4396 M.
3379 M.
MIDWAY ISL.
WAKE ISL.
PHILIPPINE ISL.
2251 M.
SAMOA ISL.
AUSTRALIA

SKA
CANADA
UNITED STATES
MEXICO
9 M.
2098 M.
AWAII. ISL.
4711 M.
2 M.
1800 M.
PORTO RICO ISL.
VENEZUELA
GUIANA
COLUMBIA
ECUADOR
PERU
BRAZIL
BOLIVIA
PARAGUAY
CHILE
ARGENTINA